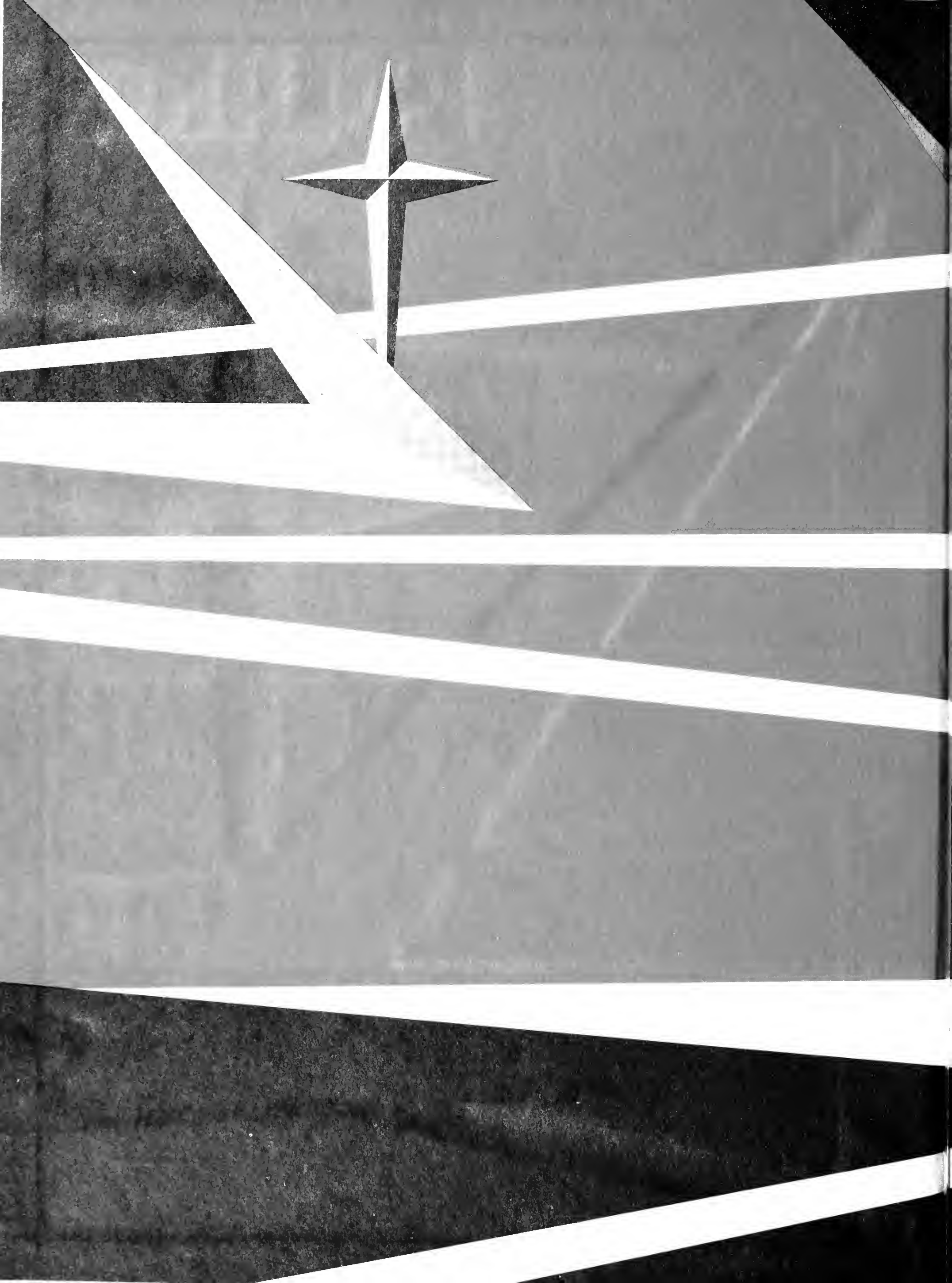


**POLARIS**

**1960**







GEN

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1960



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**The United States Air Force Cadet Wing**

**Presents**

# **POLARIS**

**1960**

**Volume 2**







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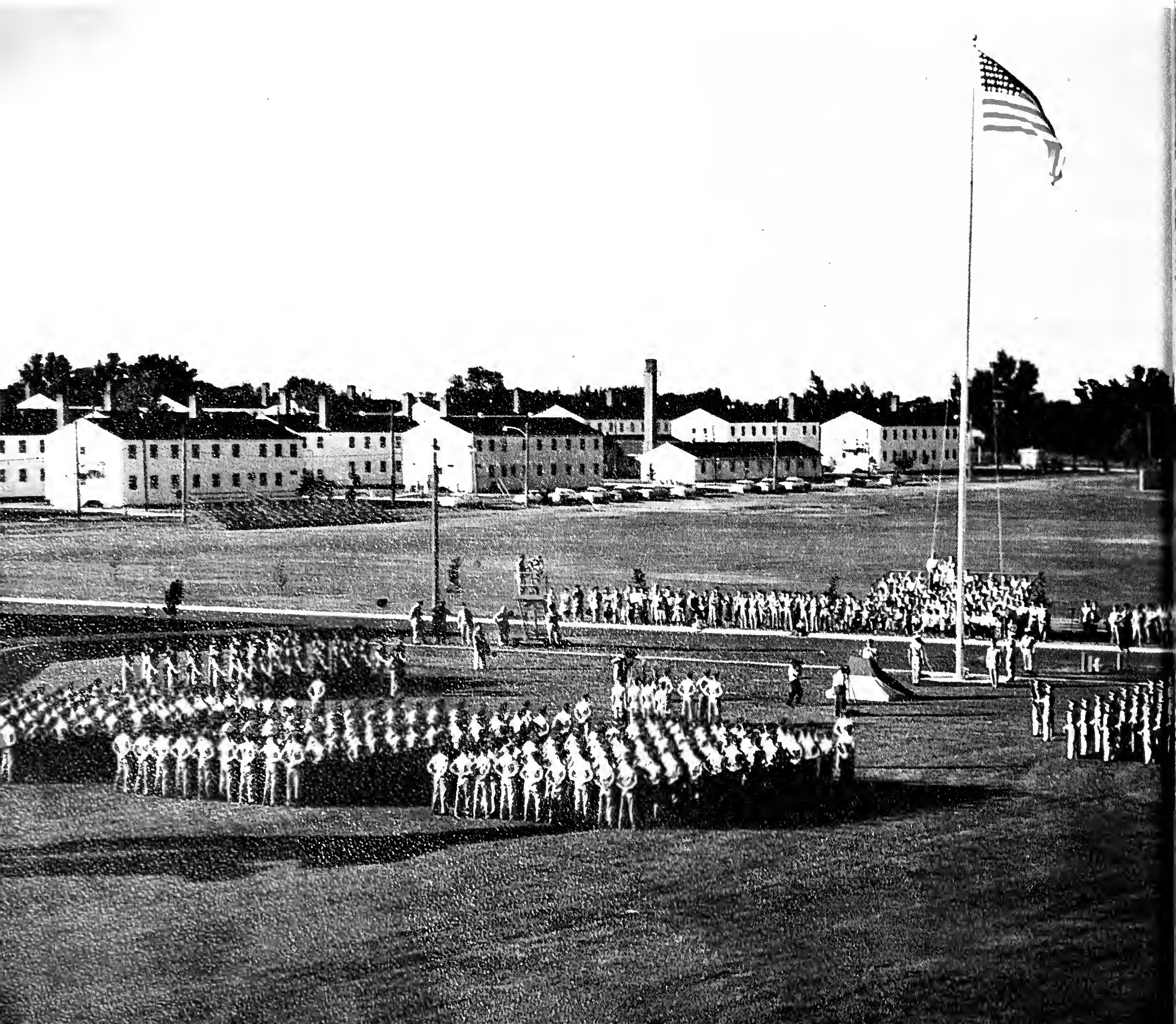
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Enter the Class of 1960





Moments:

1956



The Air Force Academy's first underclass







**Memorable Moments:** The first year, just one game after another.





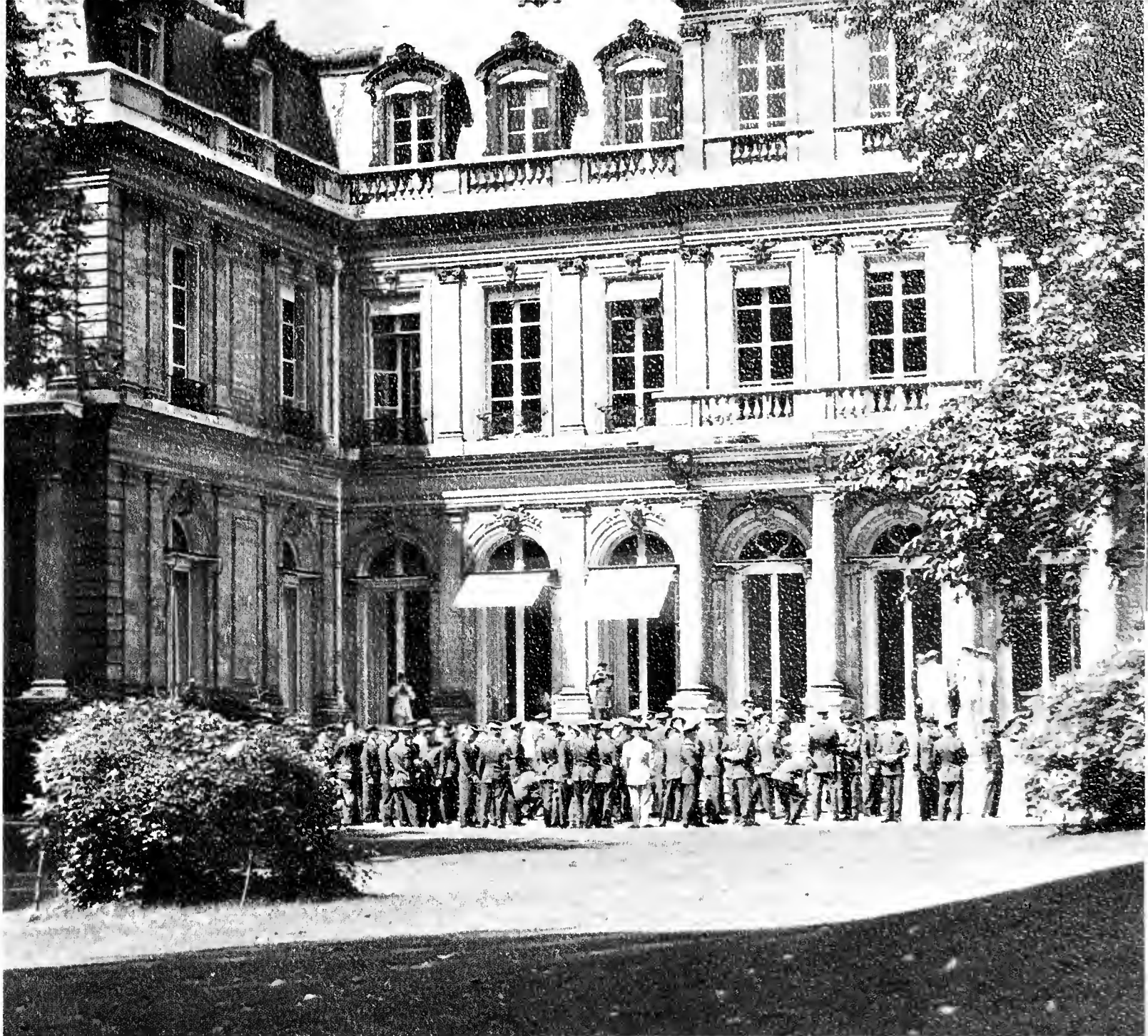




**Memorable Moments:** Europe in the summer.



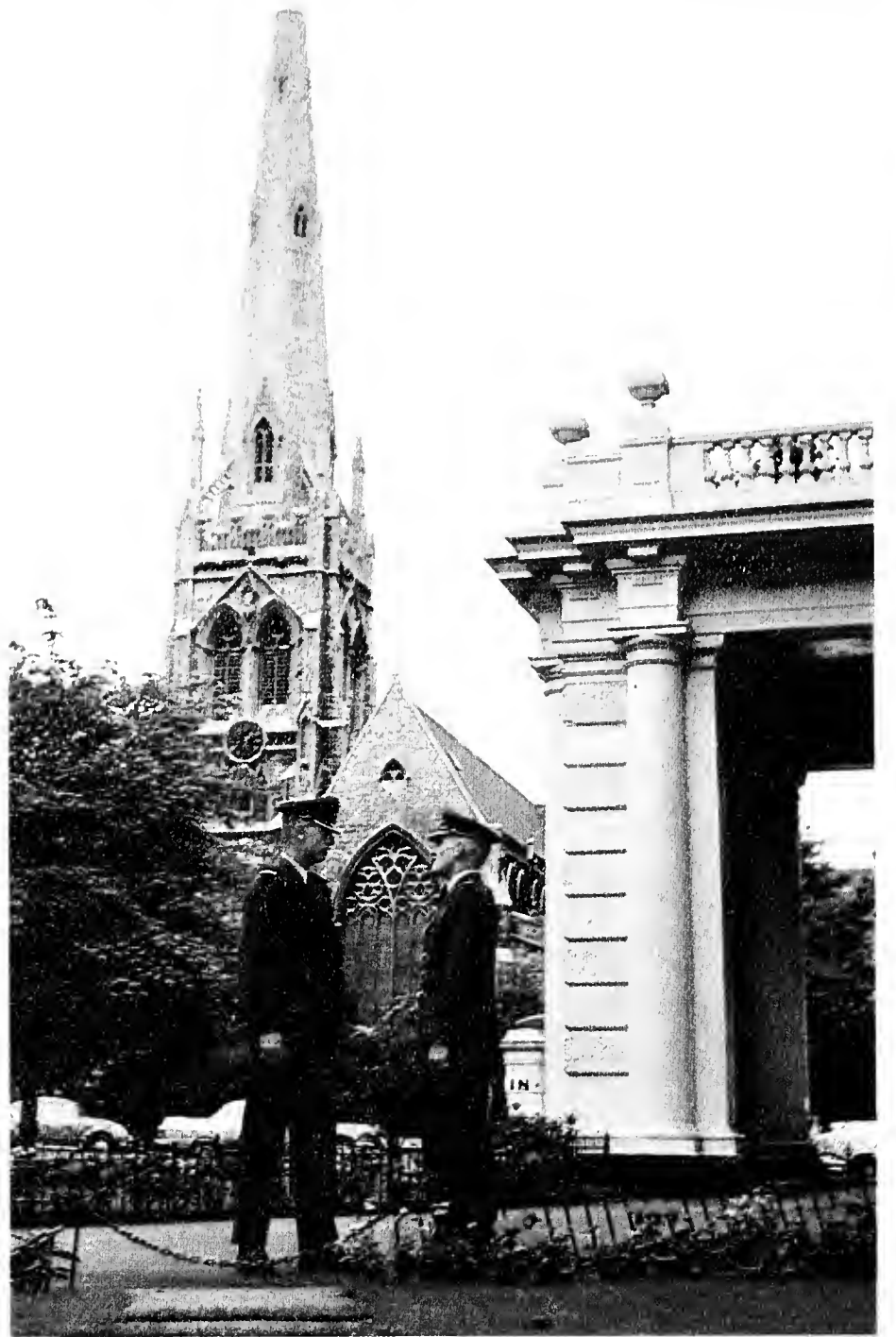




The Grand Tour with ear plugs.







**Memorable Moments:** Germany, France, England, Spain.



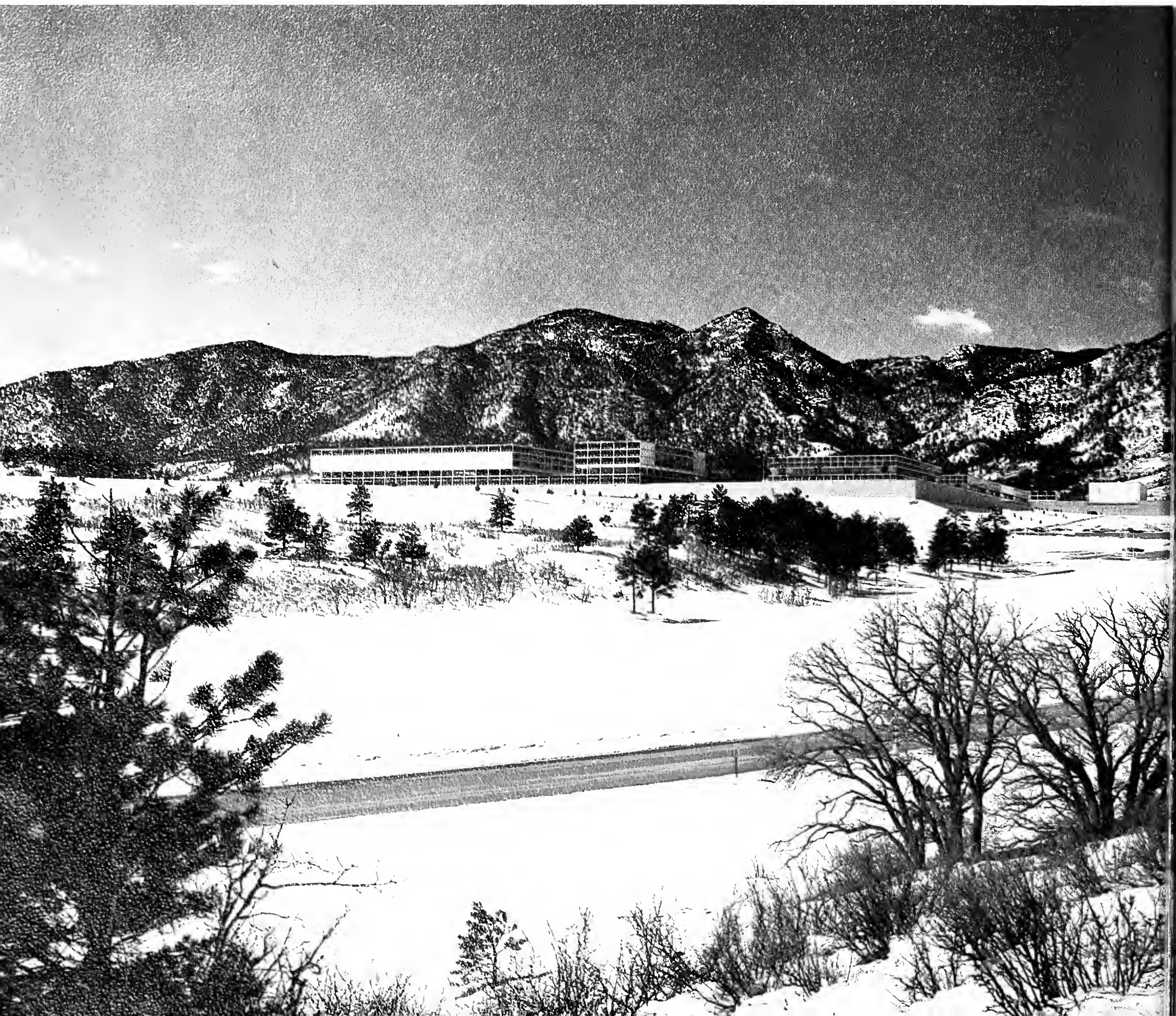
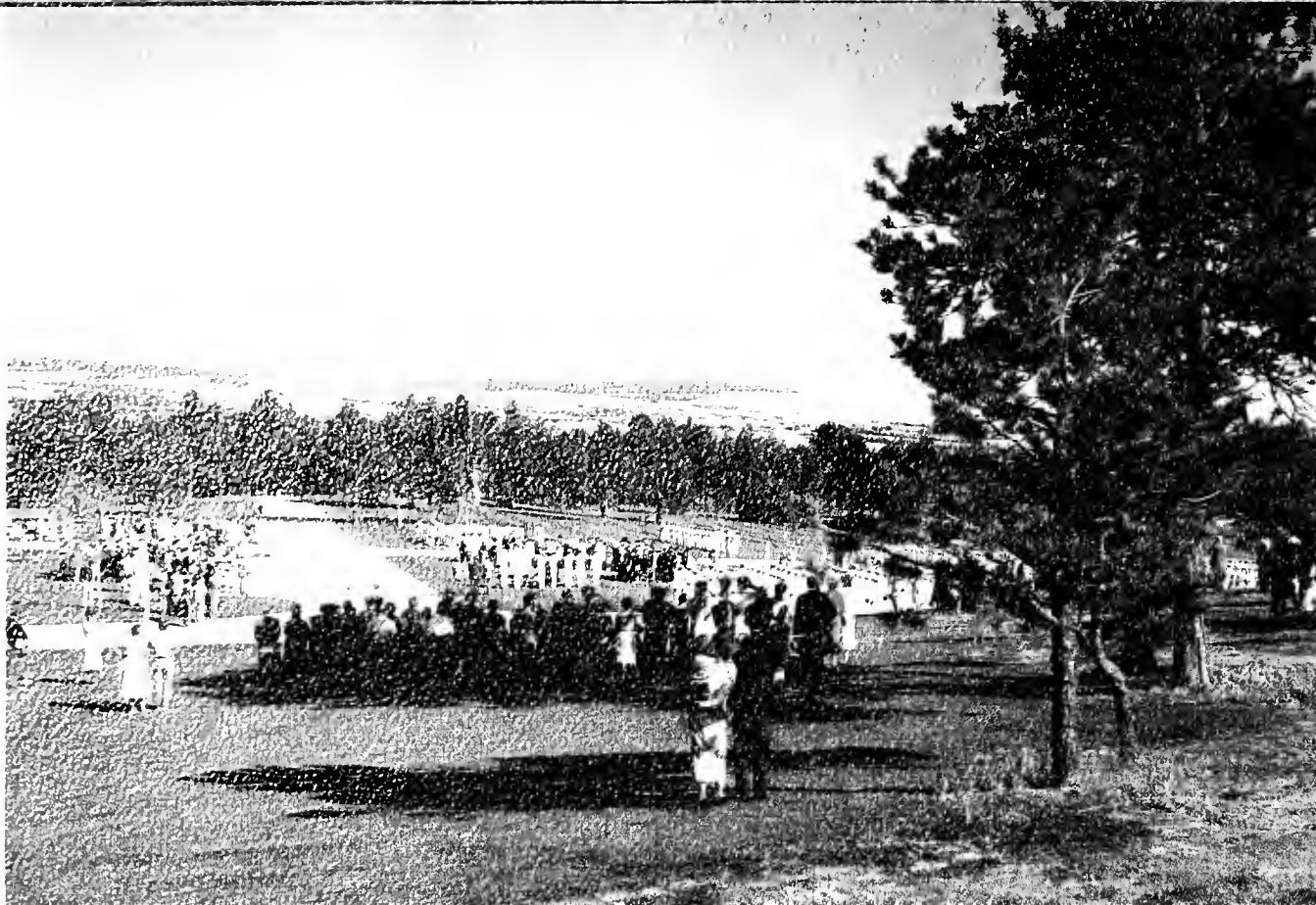






## Memorable

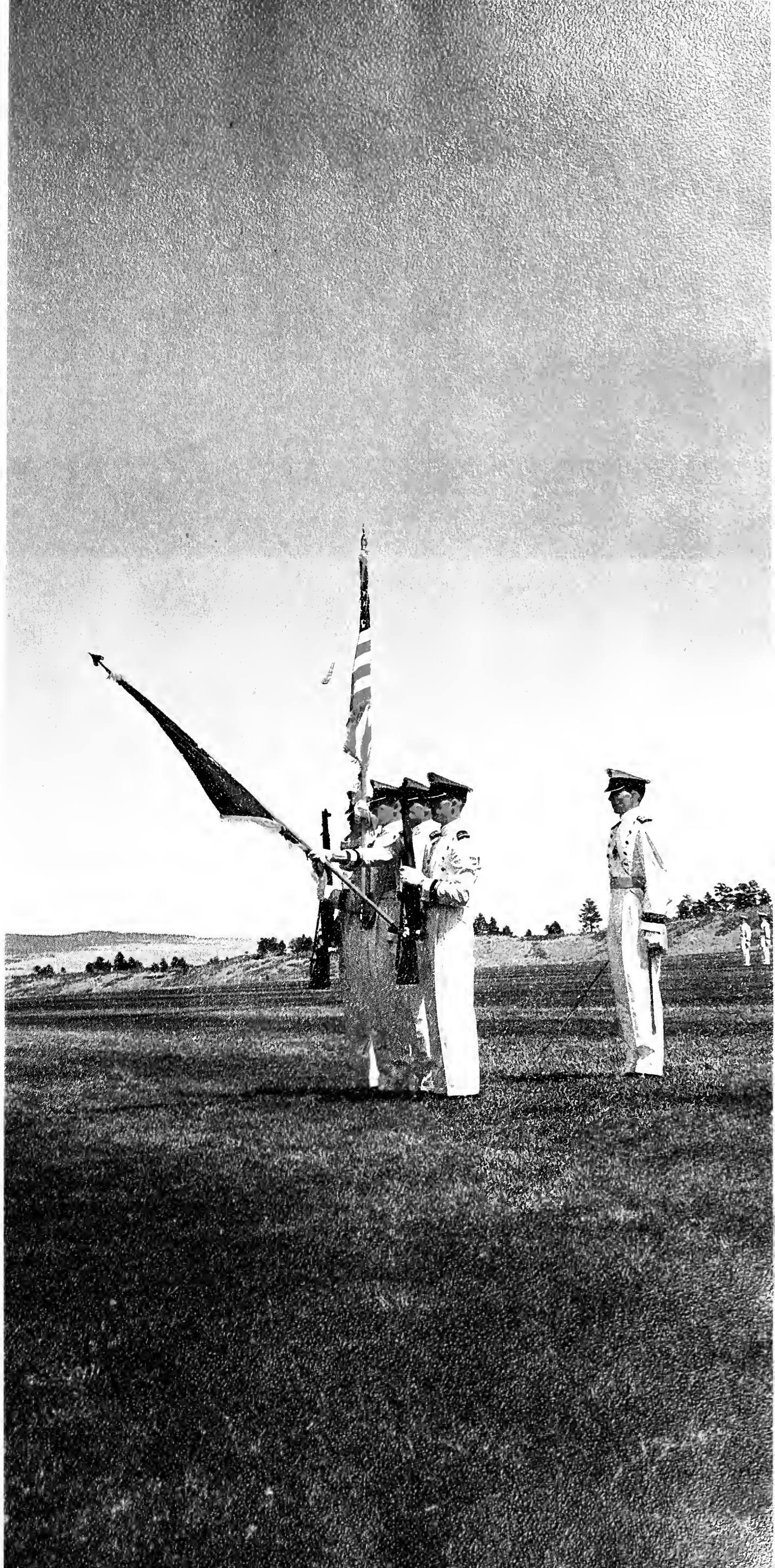
We paid  
our first  
as we  
to fulfill





## Moments:

tribute to  
leader  
worked  
his dream.









# **Dedication**

**The United States Air Force Academy**

**Graduating Class of 1960**

**Respectfully Dedicates the 1960 Polaris**

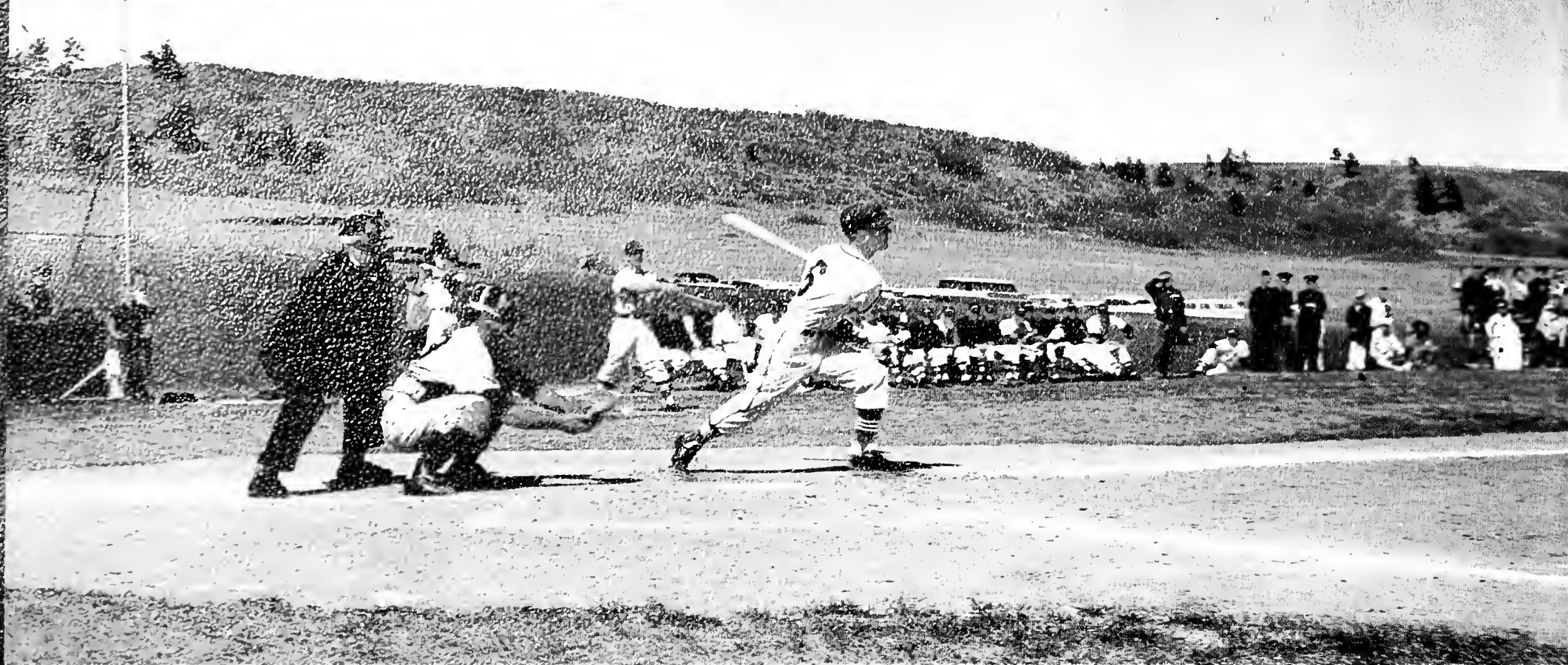
**To The Memory of**

**General of The Air Force**

**Henry H. "Hap" Arnold**

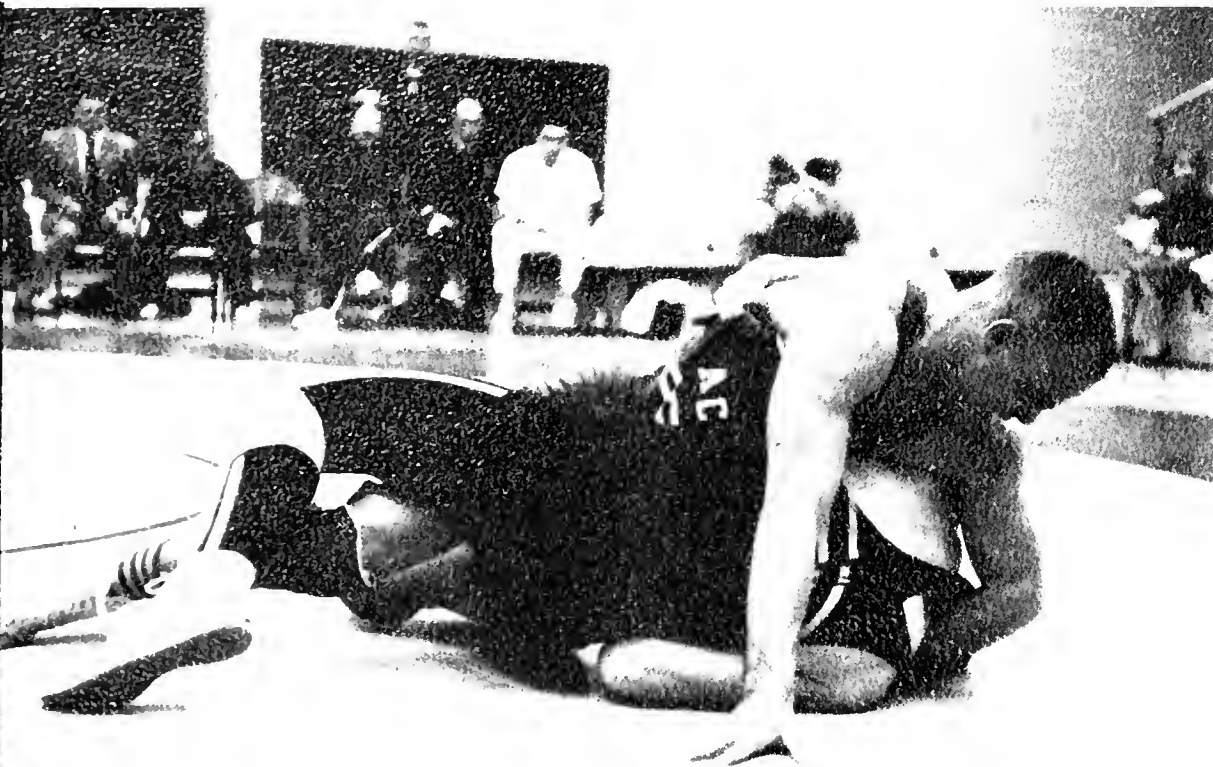
**Under his guidance the Air Force  
developed from an Army Brat into the  
magnificent, full-fledged partner in the  
defense establishment that it is today.**



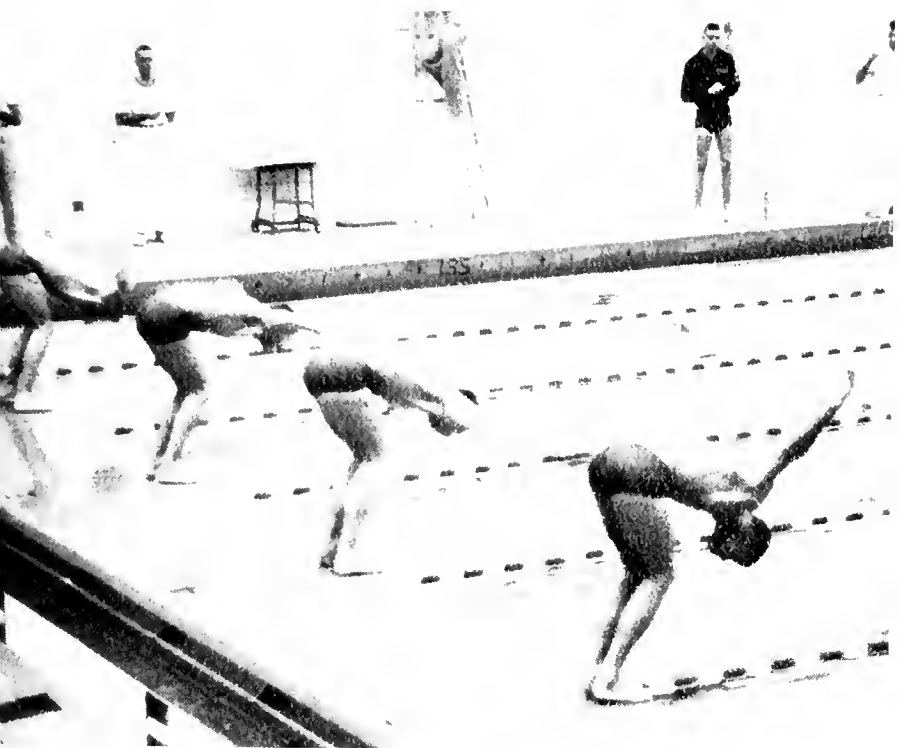


**Memorable Moments:**

When it came to sports — we were







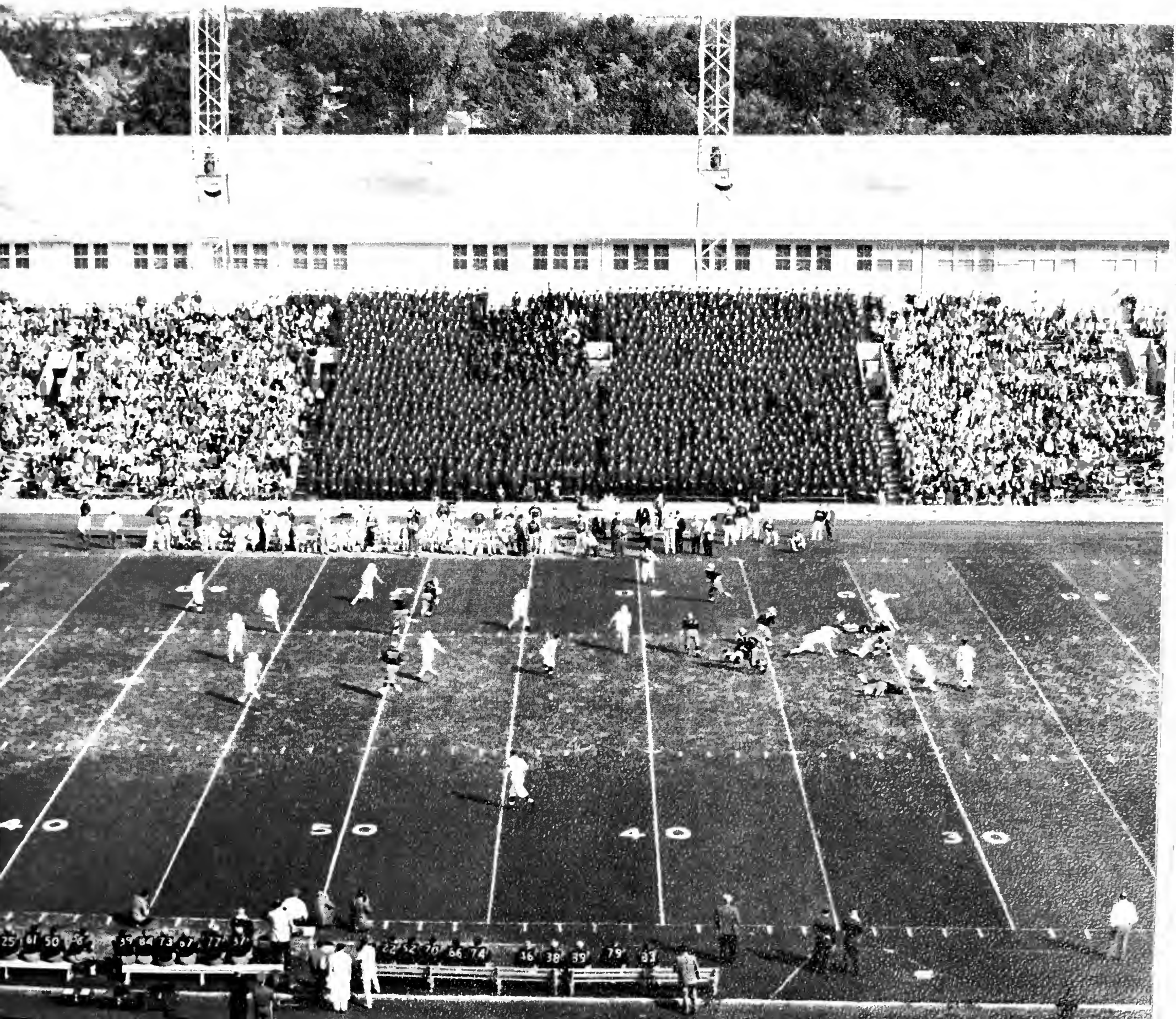




**Memorable Moments:** Our Falcon became a feared competitor.









Message from the Superintendent  
to  
The Class of 1960

You, the Class of 1960, will have a significant place in history as the second class of cadets to graduate from the United States Air Force Academy. In your class we have seen the fruition of our hopes for the Curriculum Enrichment Program with the graduation of fifty-nine individuals awarded a major in a specific area of study. Perhaps even more significant to future classes at the Academy is the accomplishment of the seven cadets who achieved a double major. These achievements, though outstanding, I believe are typical of the effort and attitude of the Class of 1960.

This, as you know, has been my first year as Superintendent of the Air Force Academy. Therefore, I feel particularly close to the Class of '60 and take special pride in your fine record of academic and military achievement. I will follow your careers as commissioned officers in the Armed Forces of the United States with intense interest and confidence in your success.

None of us knows what developments the future will reveal. In your training here we have attempted to prepare you for any eventuality. Your future is now largely in your own hands. Good luck and Godspeed.

W. S. STONE  
Major General, USAF  
Superintendent





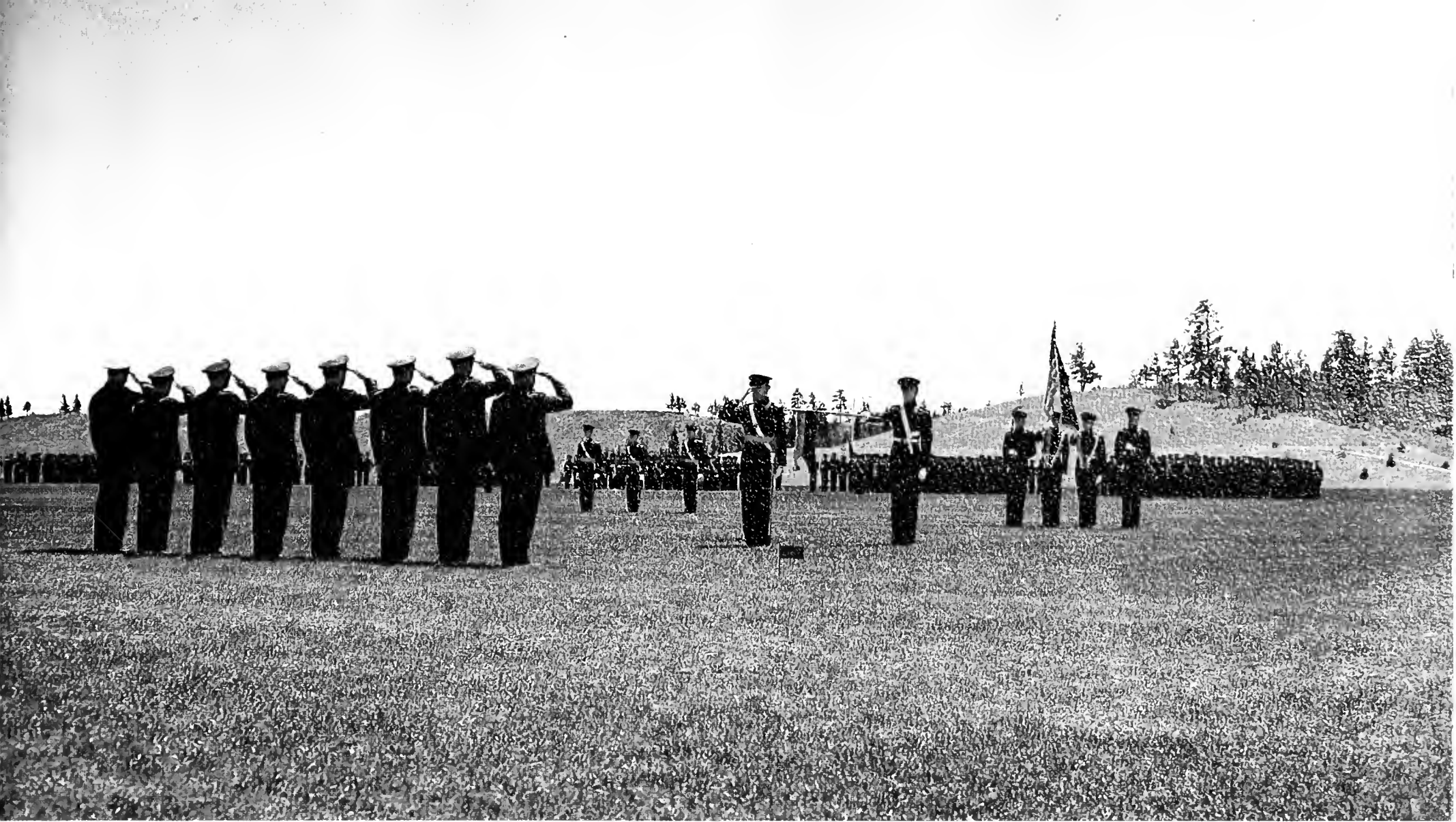




**Memorable Moments:** 'Twas not all books and drill in Aluminumville.







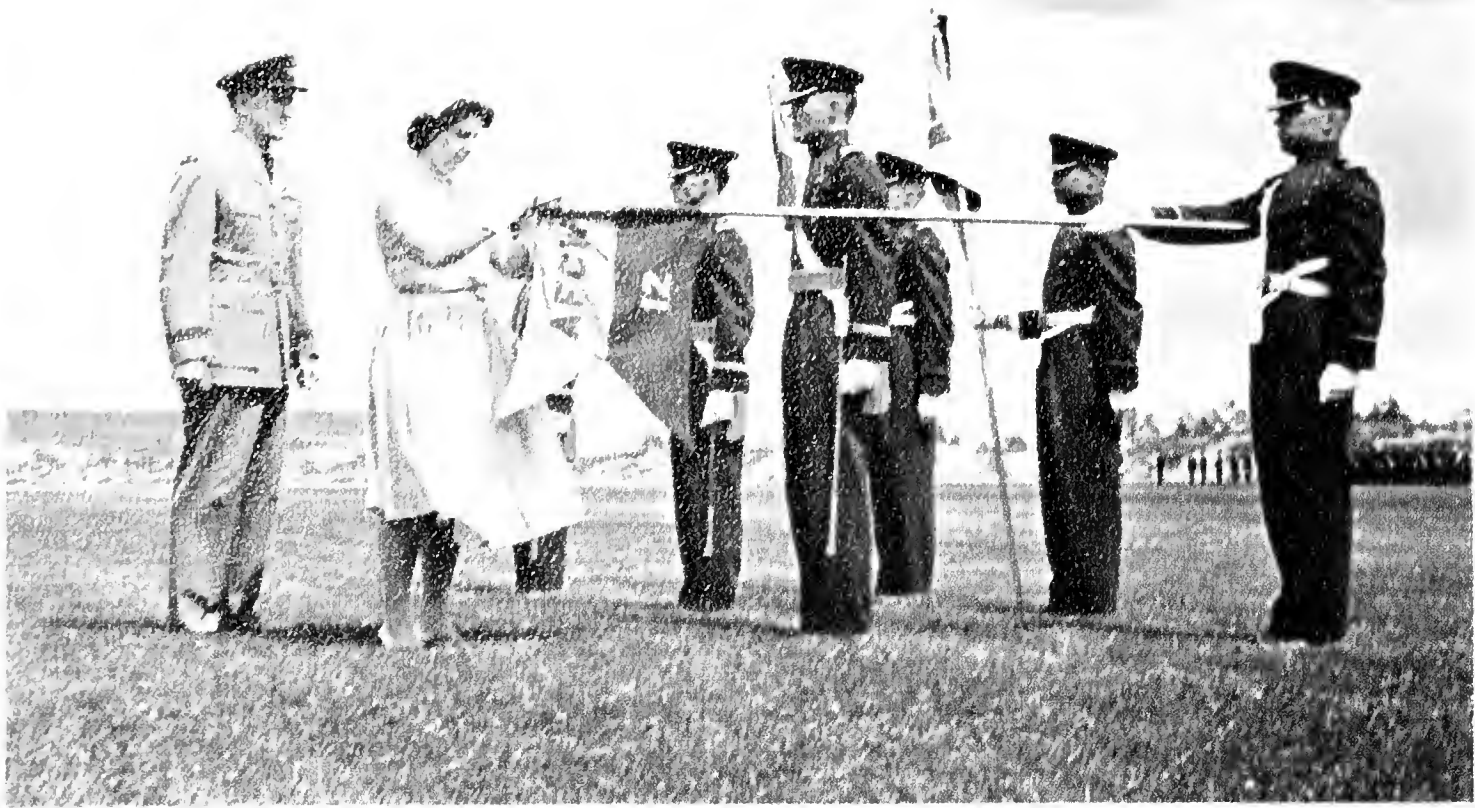








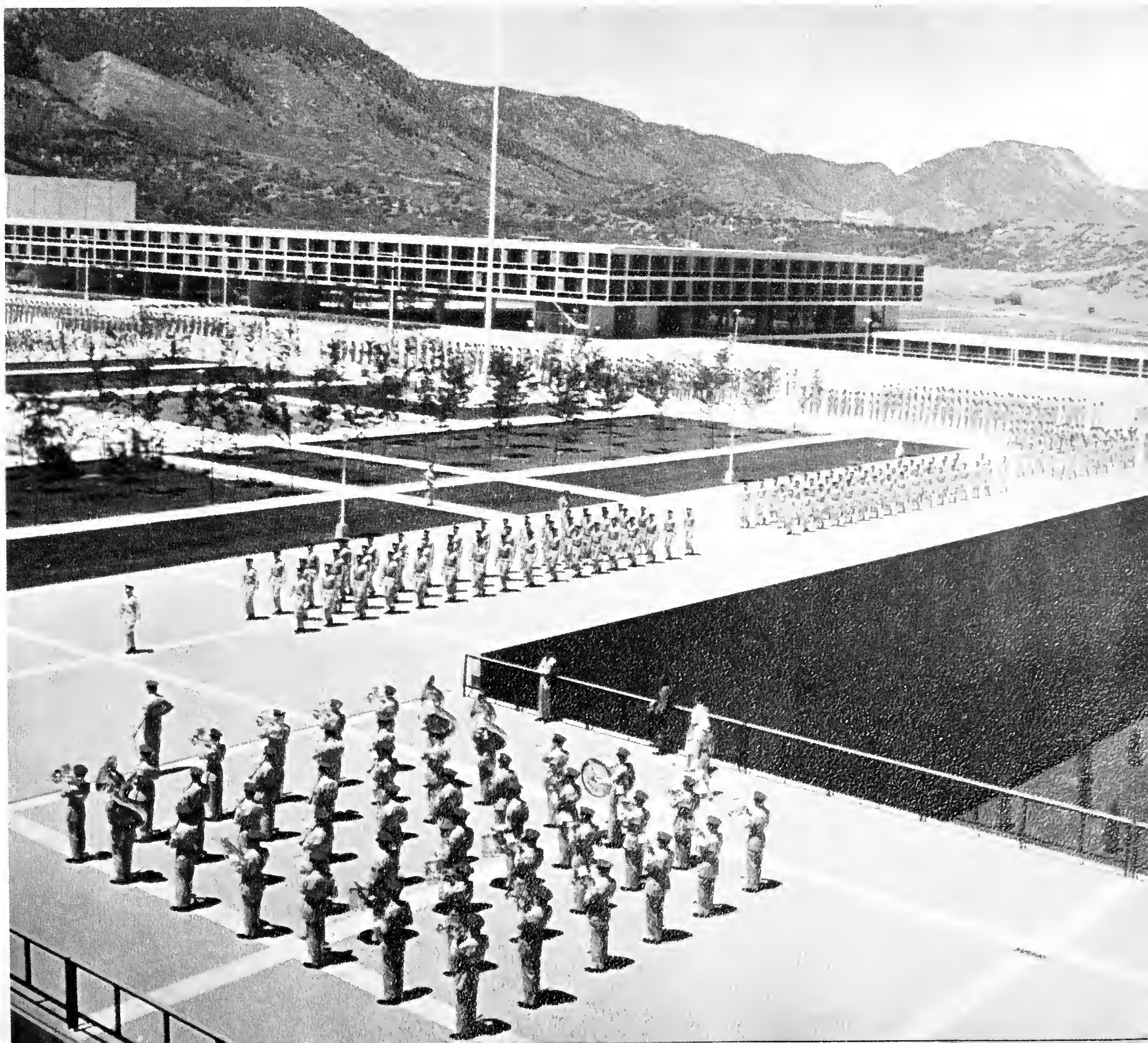






## Moments:

Awards, Drills, Flying, all part of the curriculum designed to turn out the best darn 2nd Lieutenants available.







## Memorable Moments:

June Week, that  
wonderful time when  
suddenly there ain't  
no more Doolies.











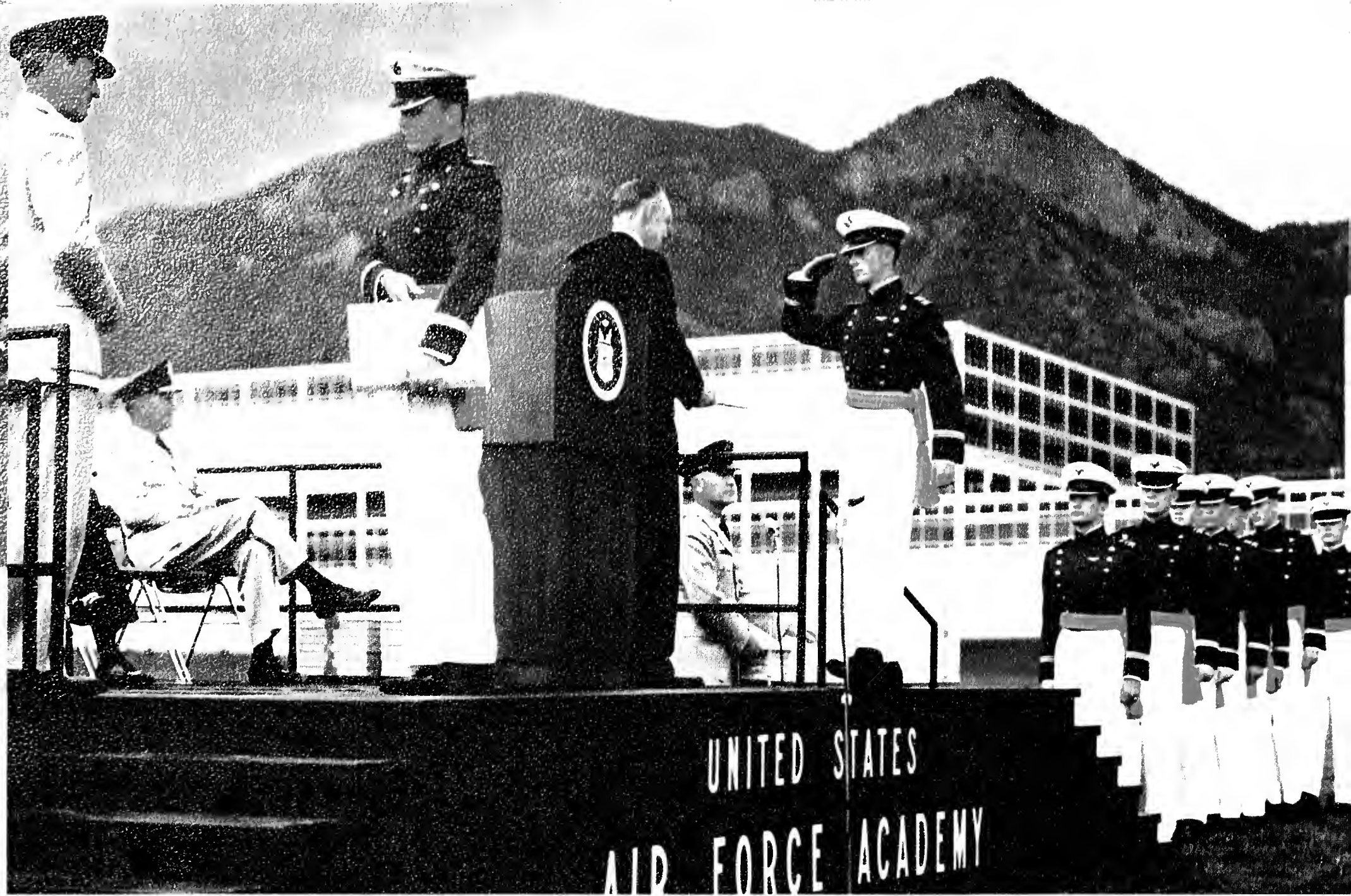


## Memorable Moments:

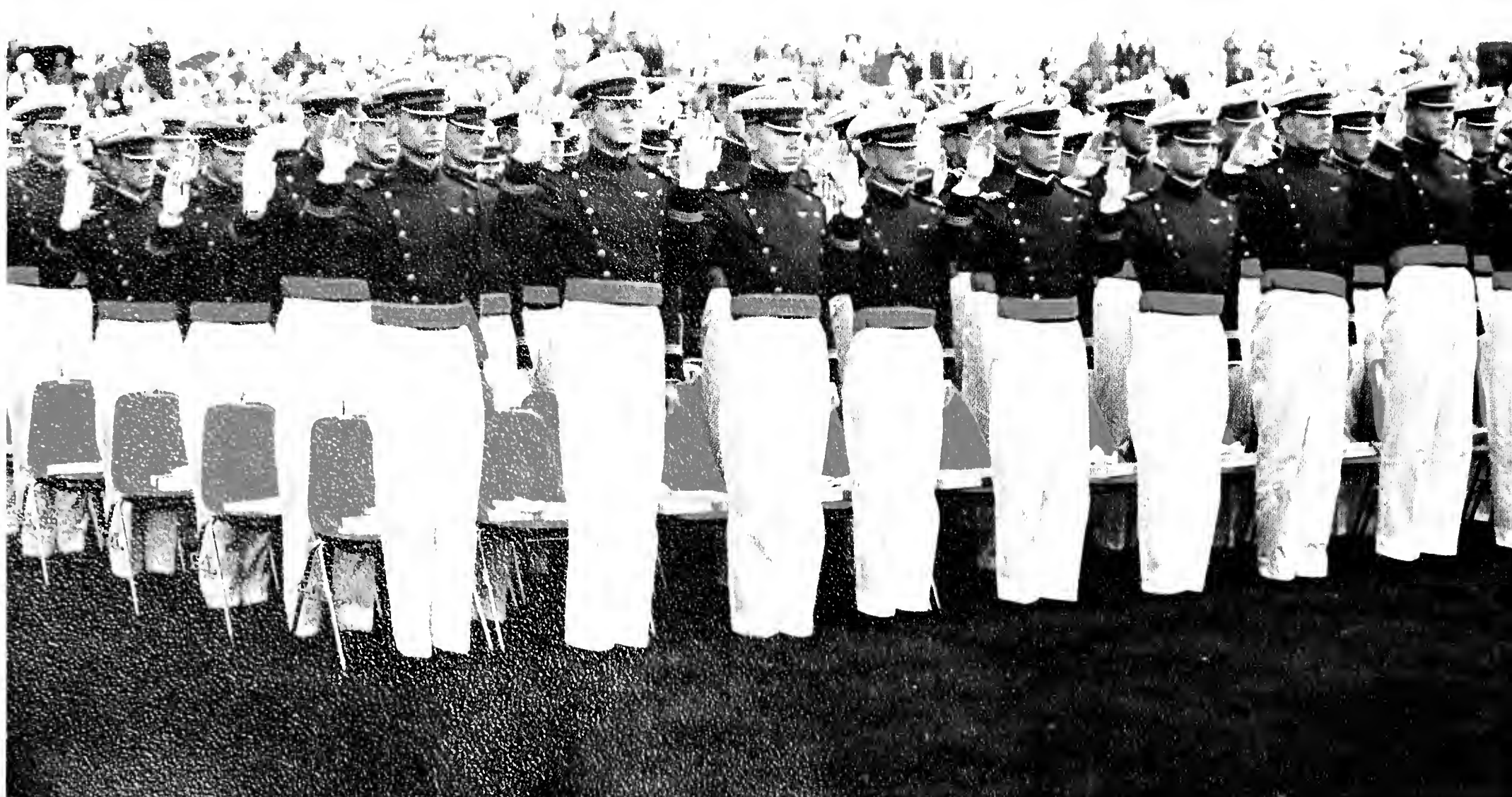
June Week, that  
estatic interval  
of Dancing, Dining,  
and Drilling leading  
up to . . .



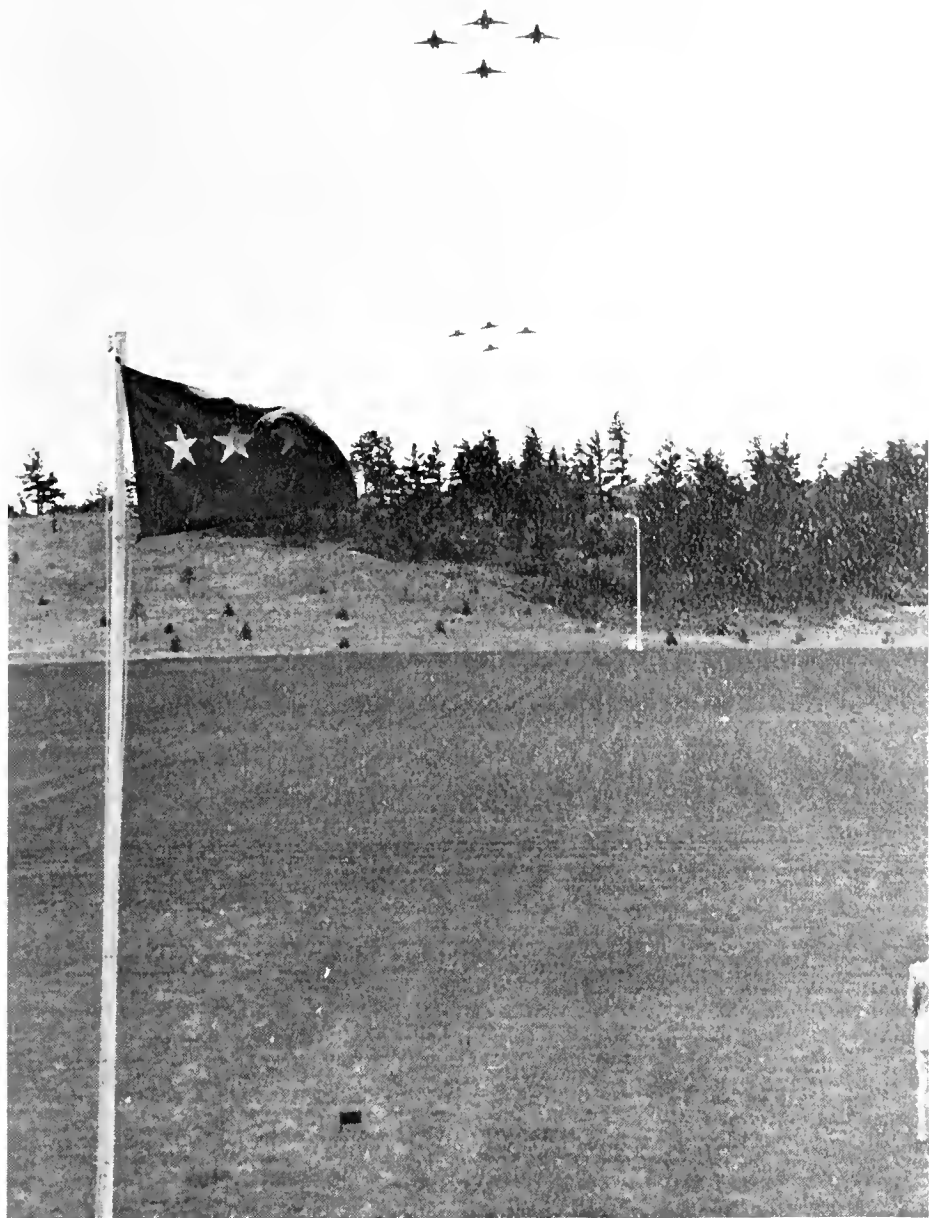




The Memorable Moment!







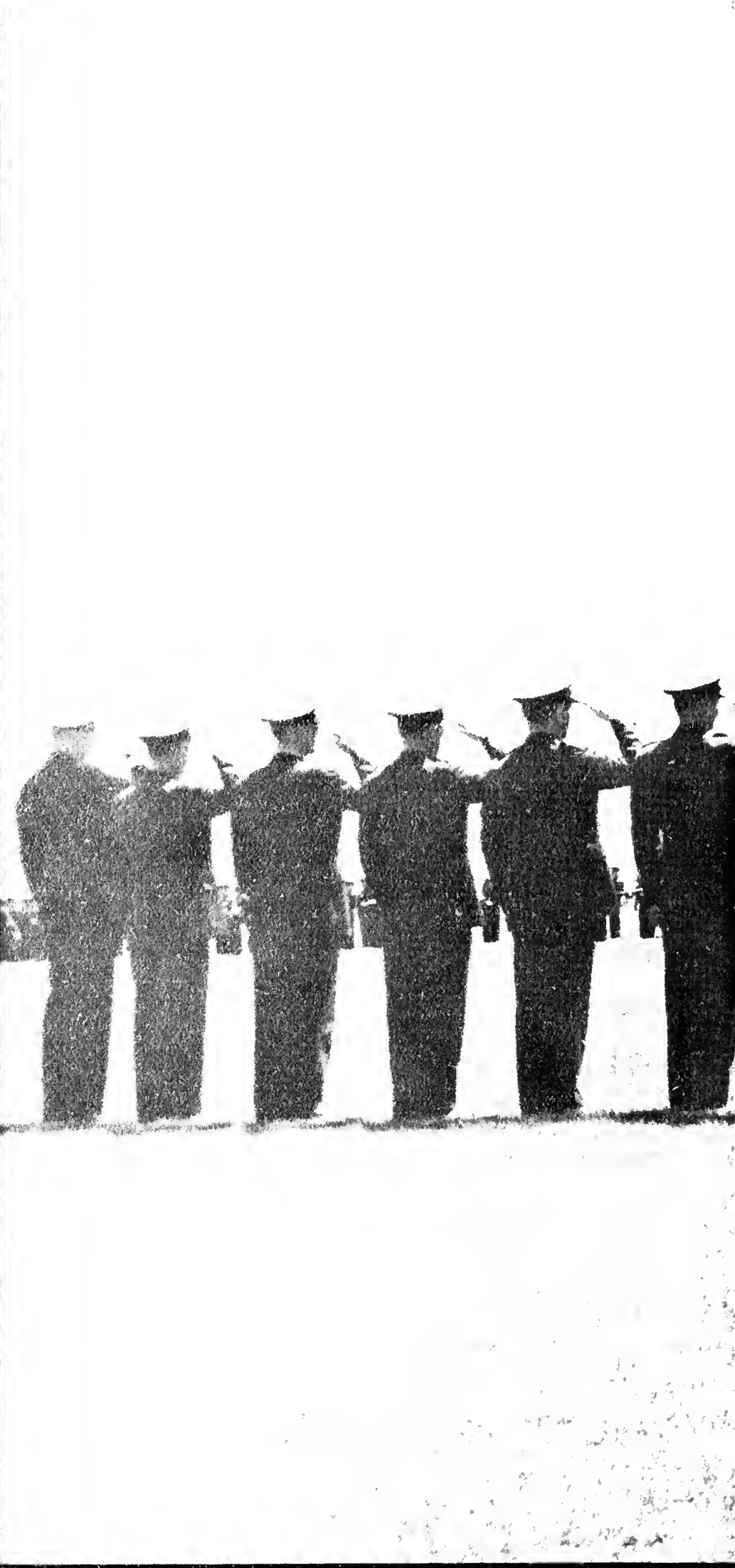
Not even rain. . .



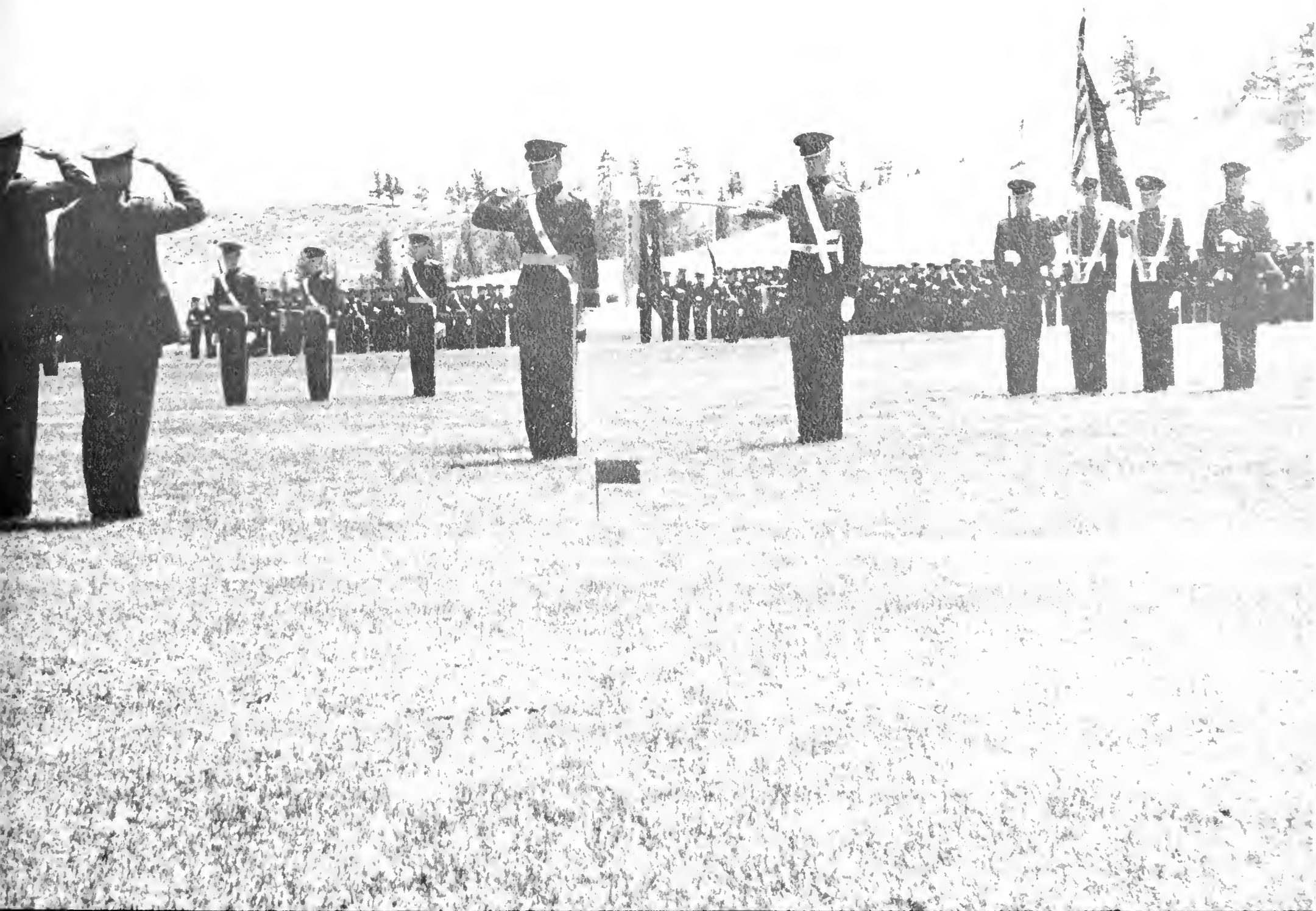
Could dampen our spirits.











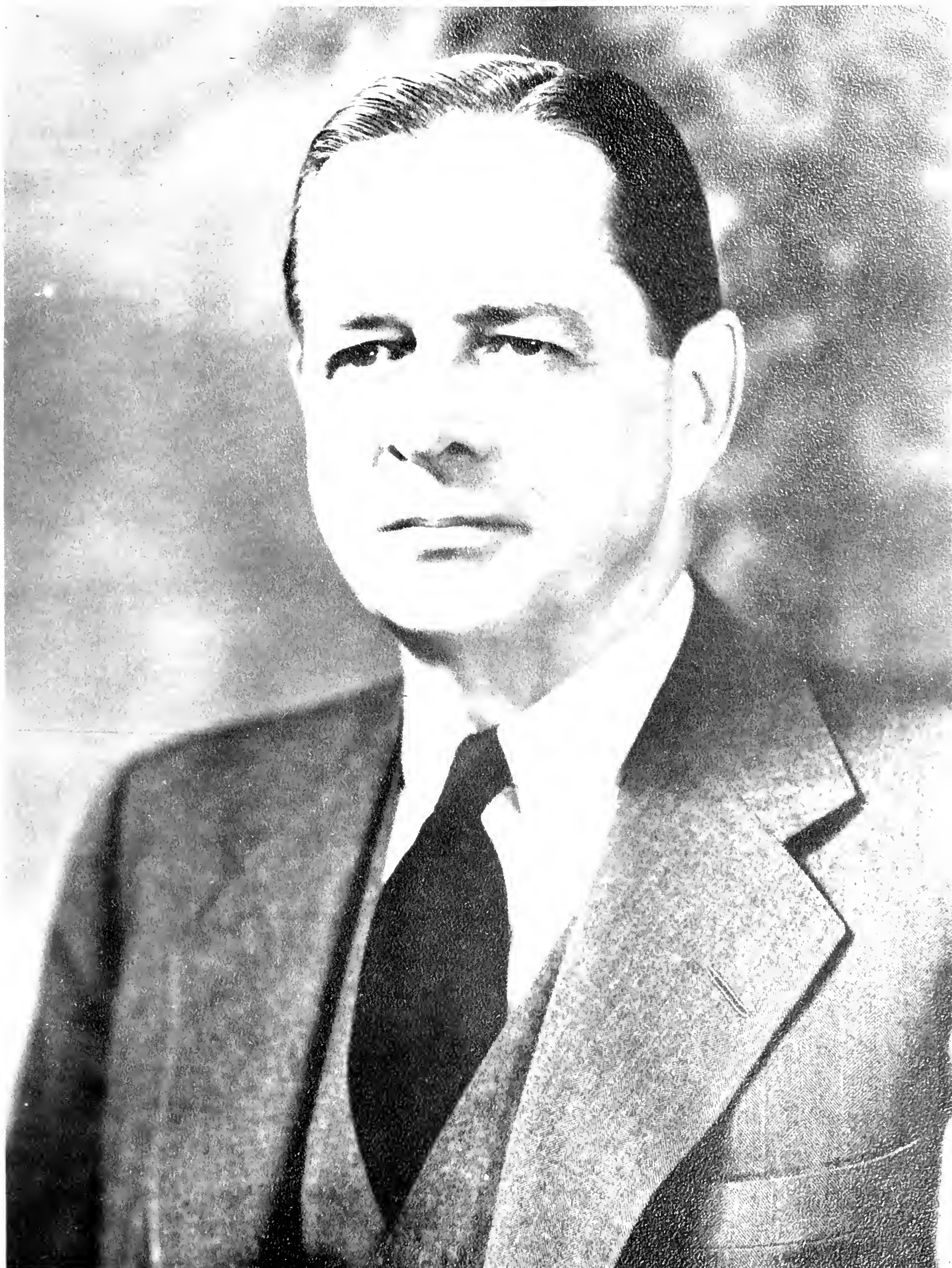
**Dignitaries**





DWIGHT D. EISENHOWER  
The Commander In Chief





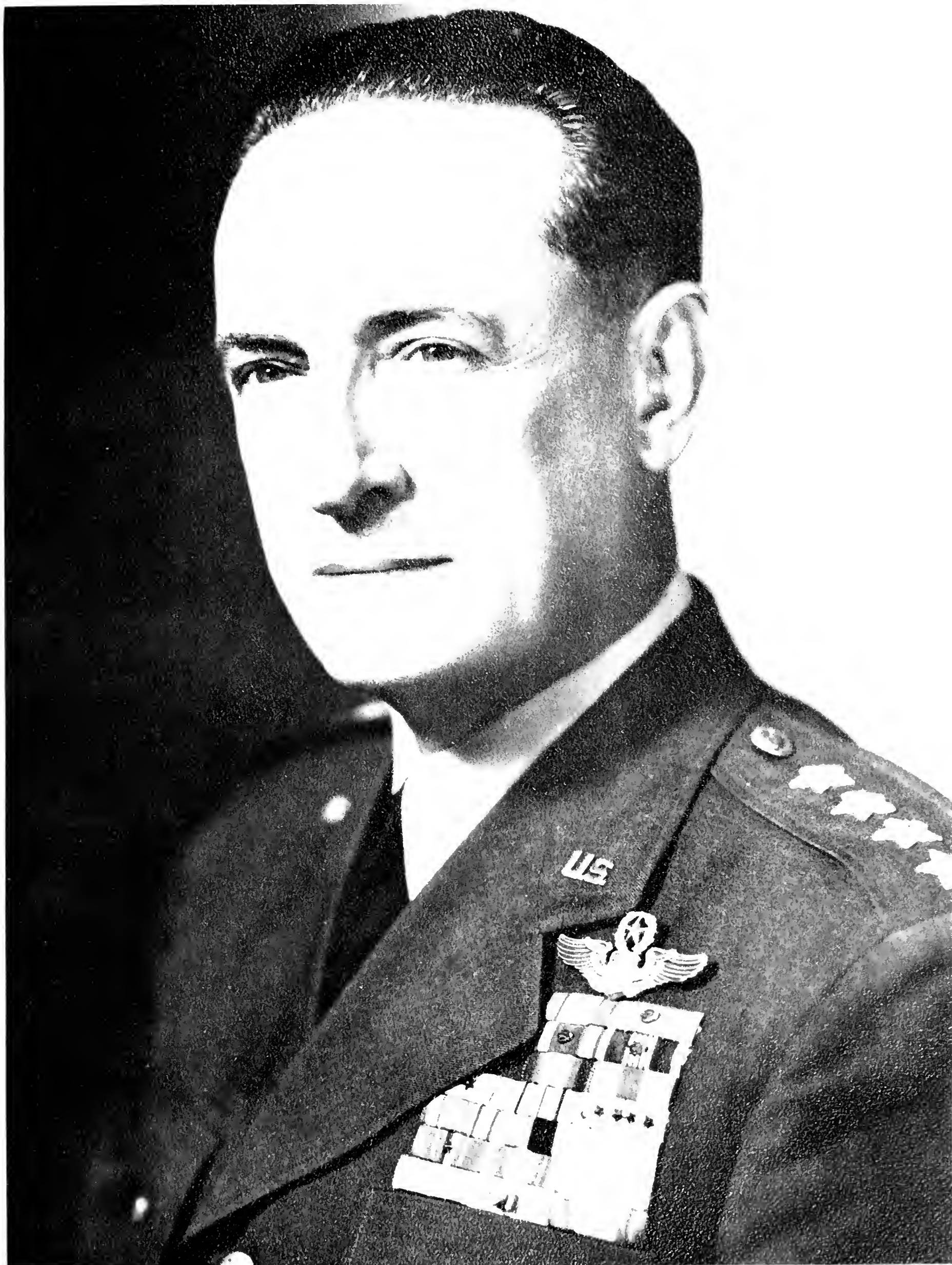
THE HONORABLE JAMES H. DOUGLAS  
Secretary of the Air Force





GENERAL NATHAN F. TWINING  
Chairman, Joint Chiefs of Staff





GENERAL THOMAS D. WHITE  
Chief of Staff, U. S. Air Force





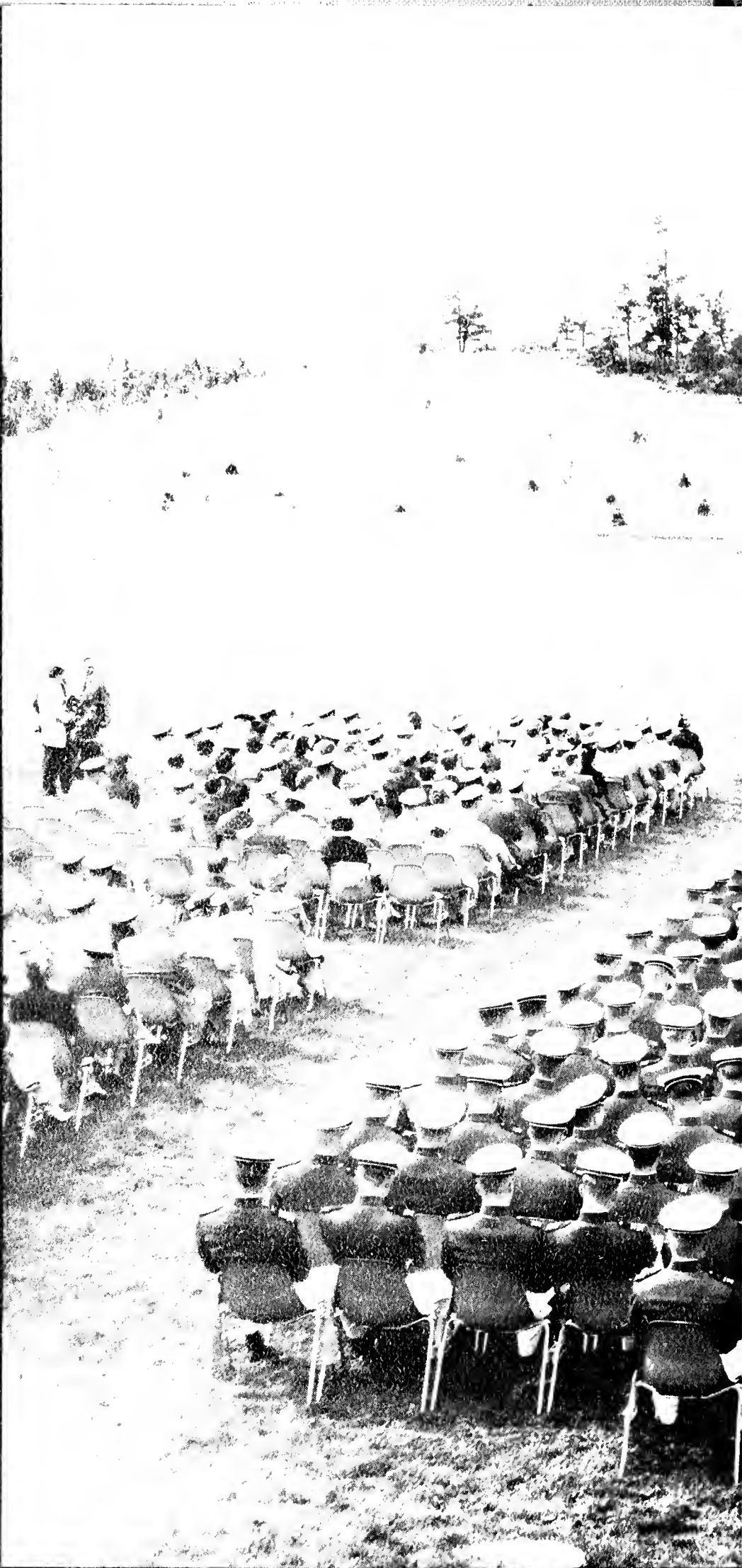
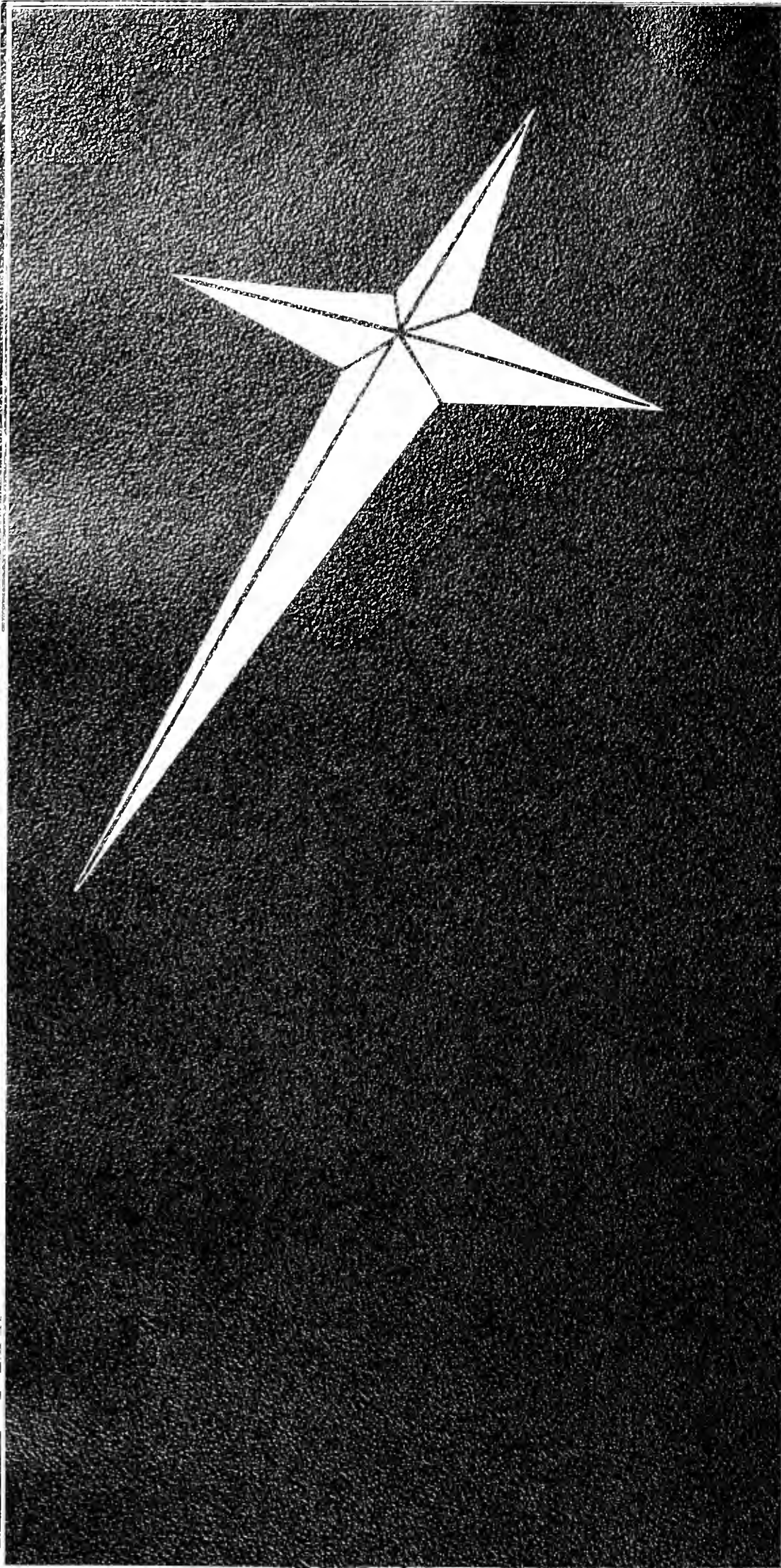
MAJ. GEN. HENRY R. SULLIVAN  
Commandant of Cadets



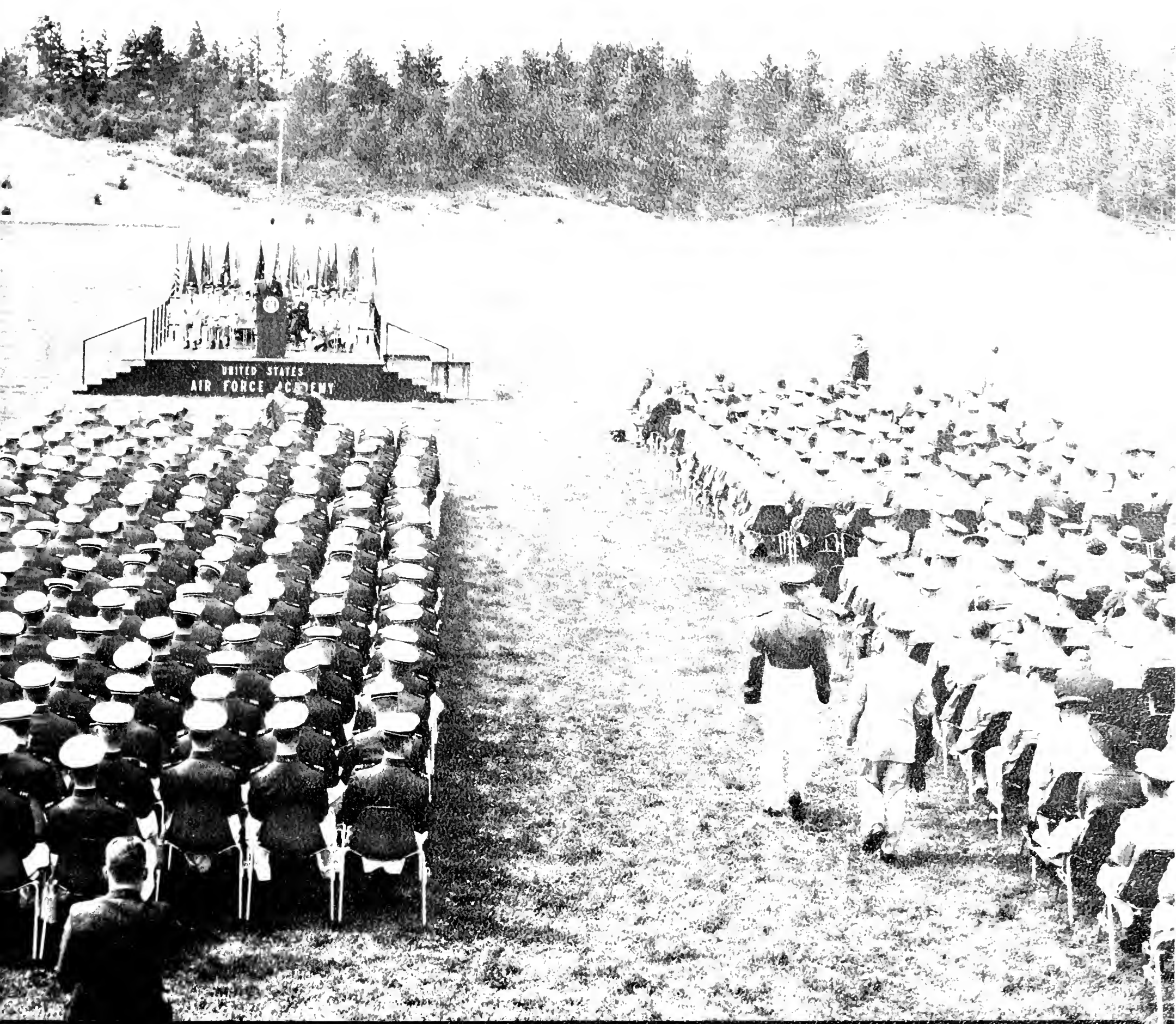


BRIG. GEN. ROBERT F. McDERMOTT  
Dean of Faculty







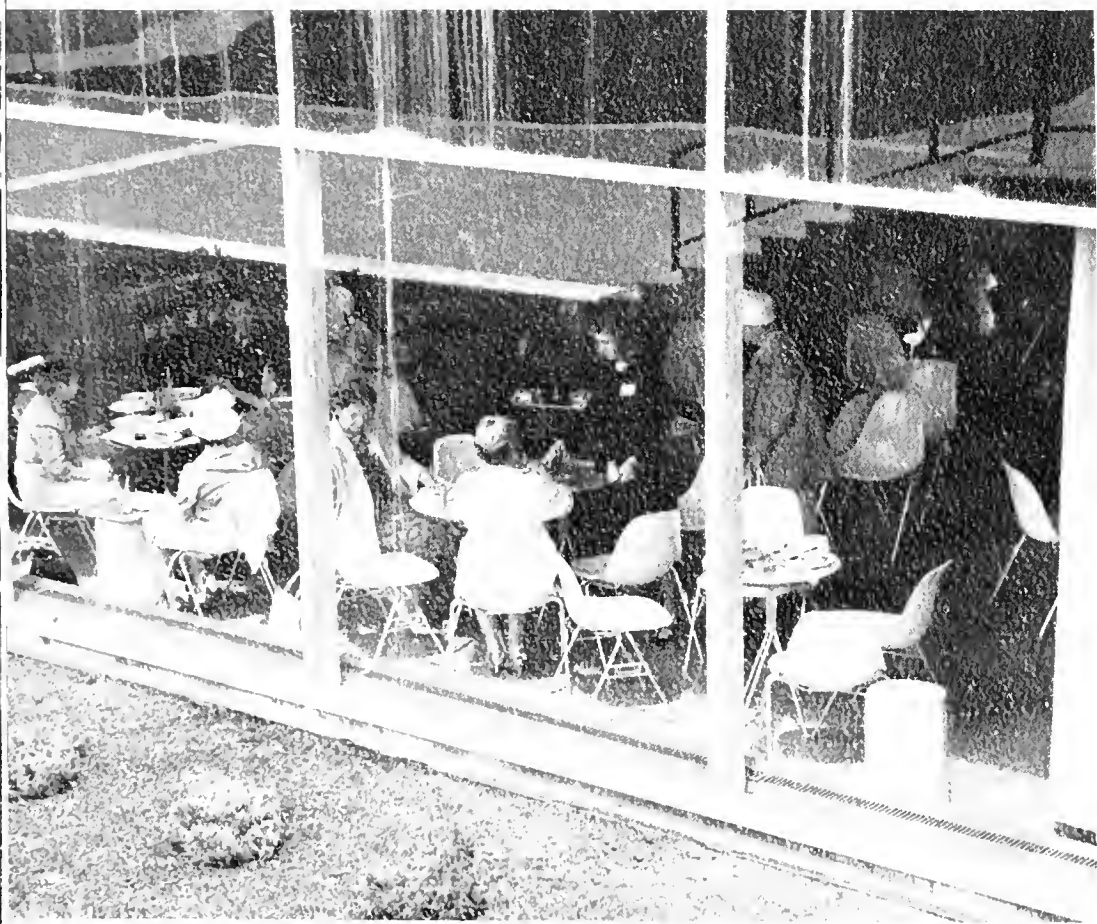


**June Week 1960**

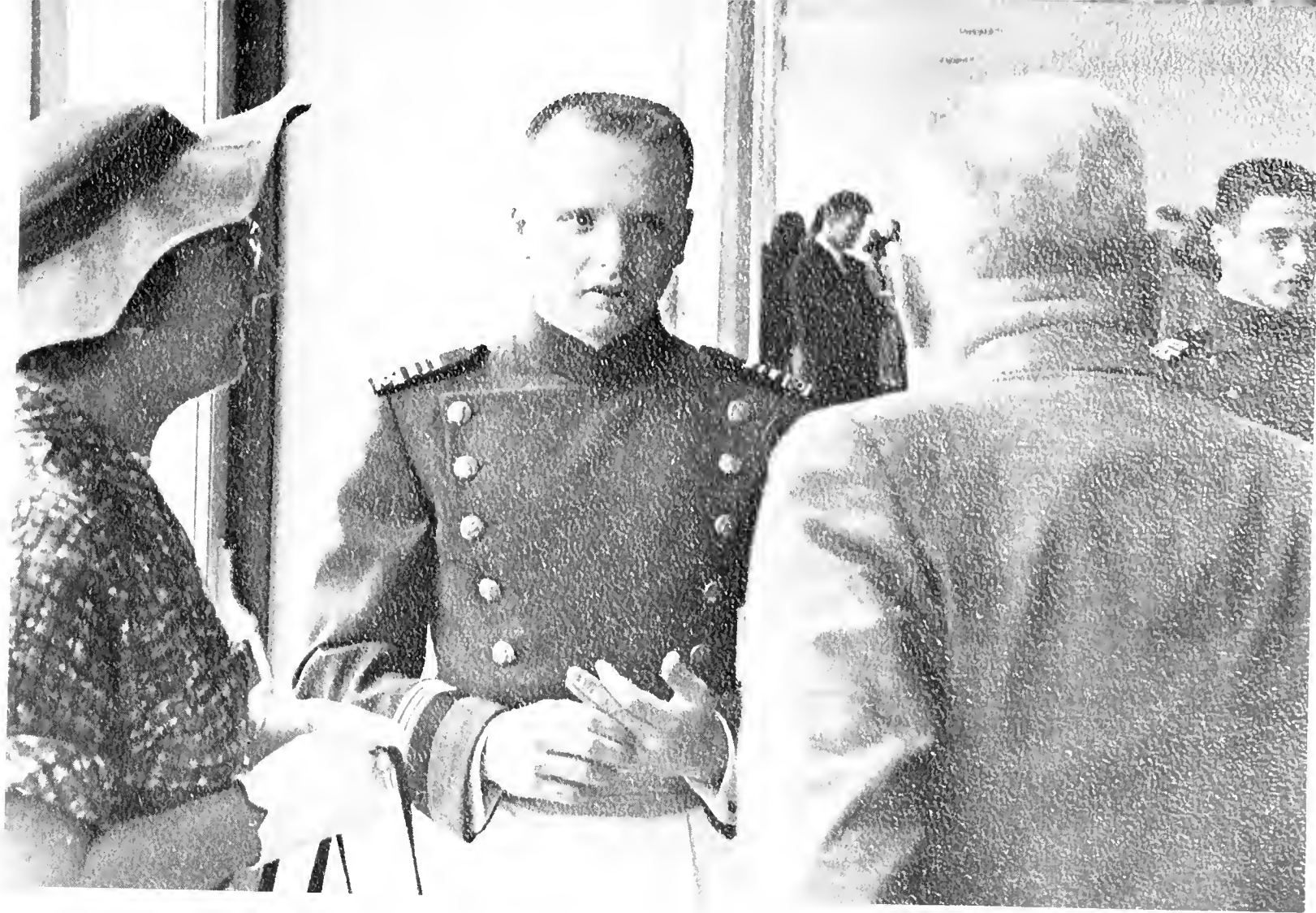




After a long cold winter full of GR's, snow, GR's, wind, GR's, sleet and GR's...







Suddenly 'twas spring—in fact, 'twas June—and the place was overrun by civilians.







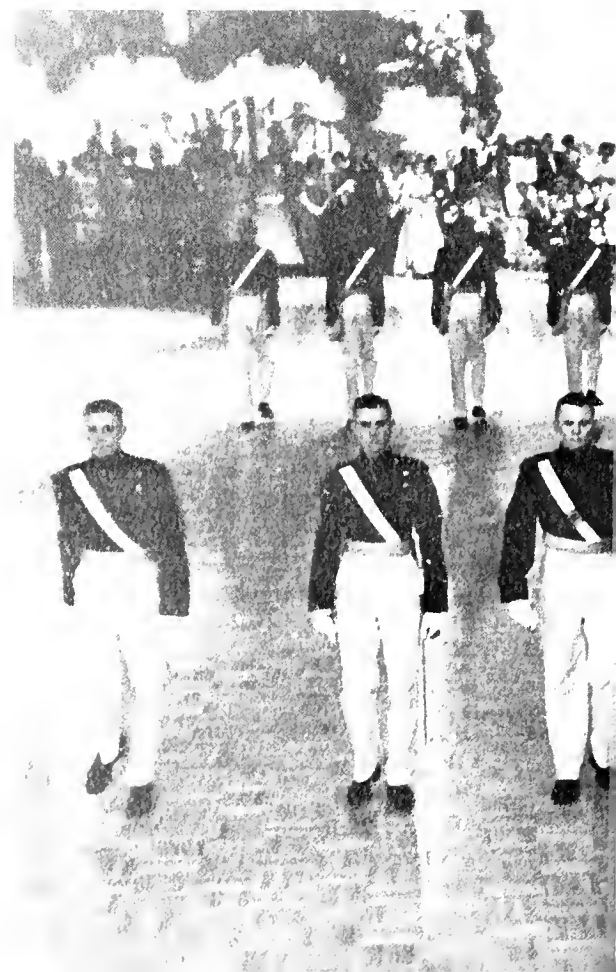
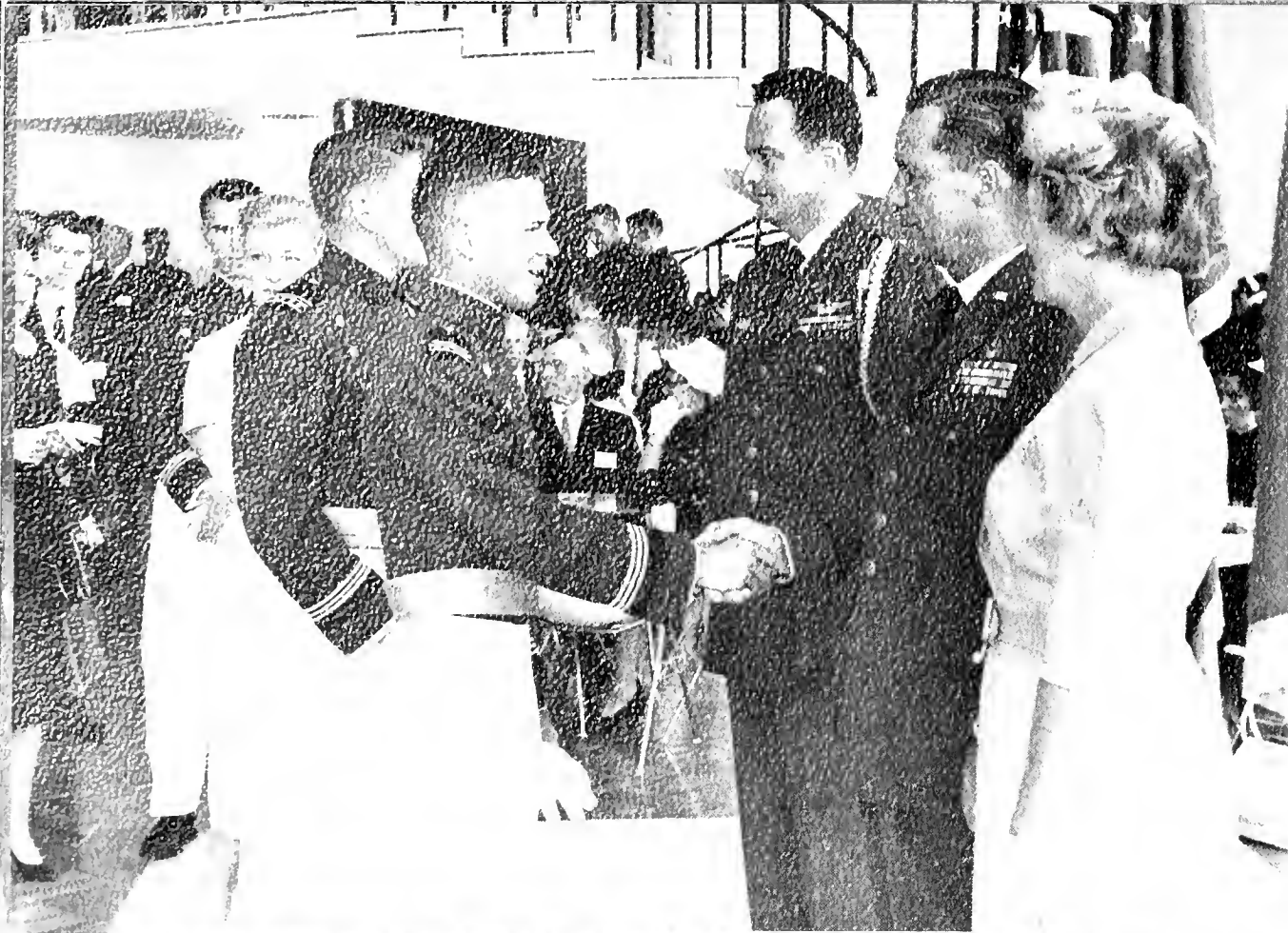




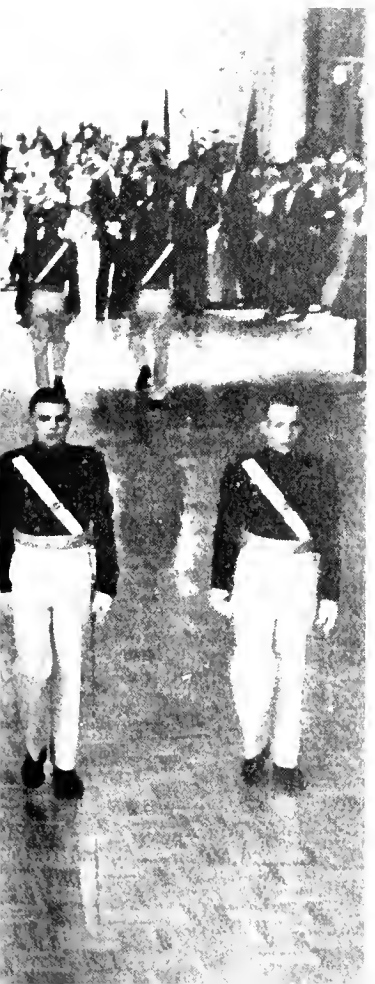
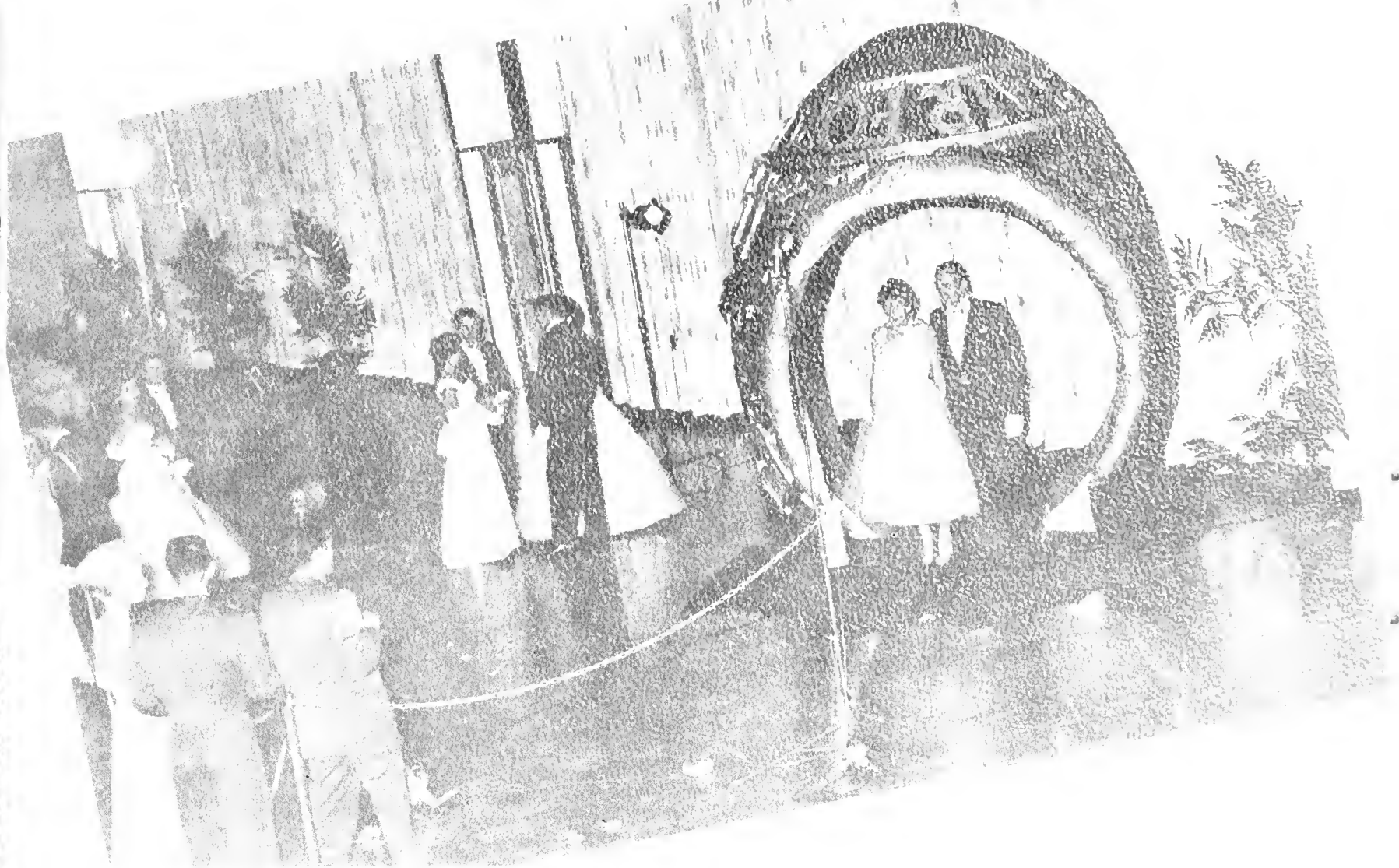
We found it  
to be very nice,  
Being overrun . . .  
'Specially by these  
Civilian Types.











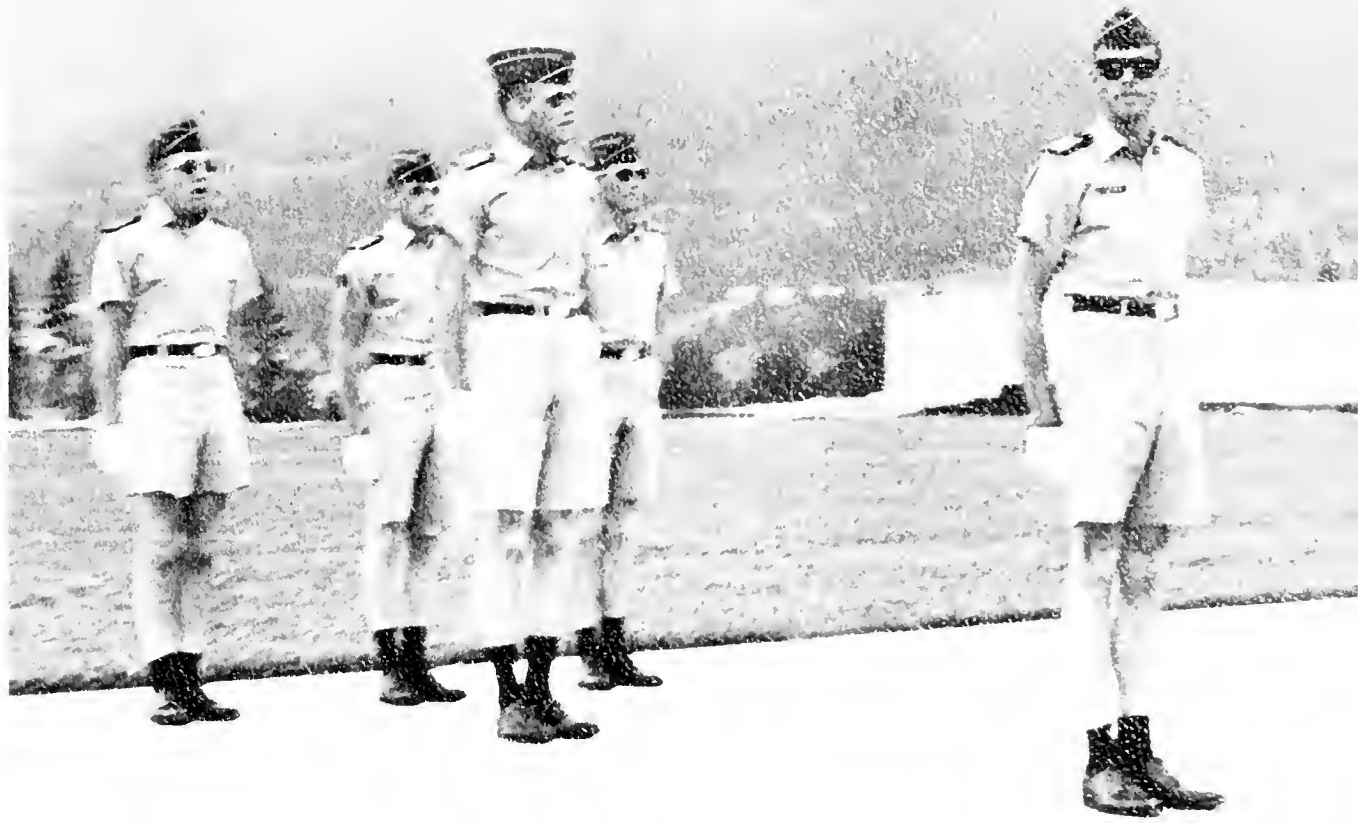




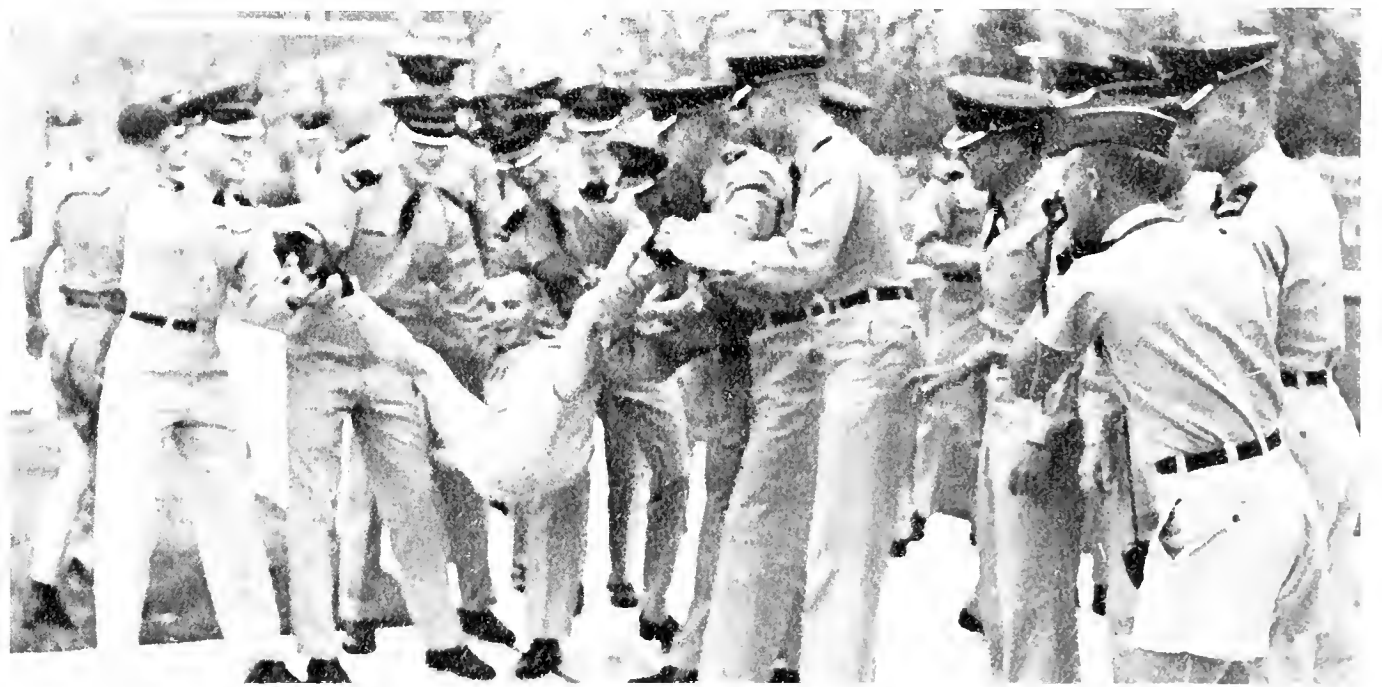
We spent some time



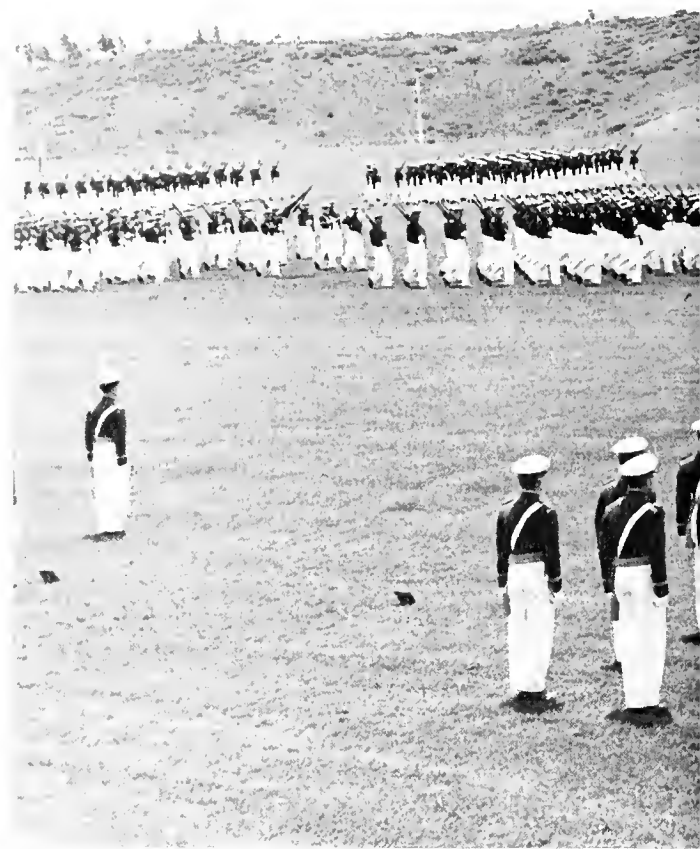




working, too.



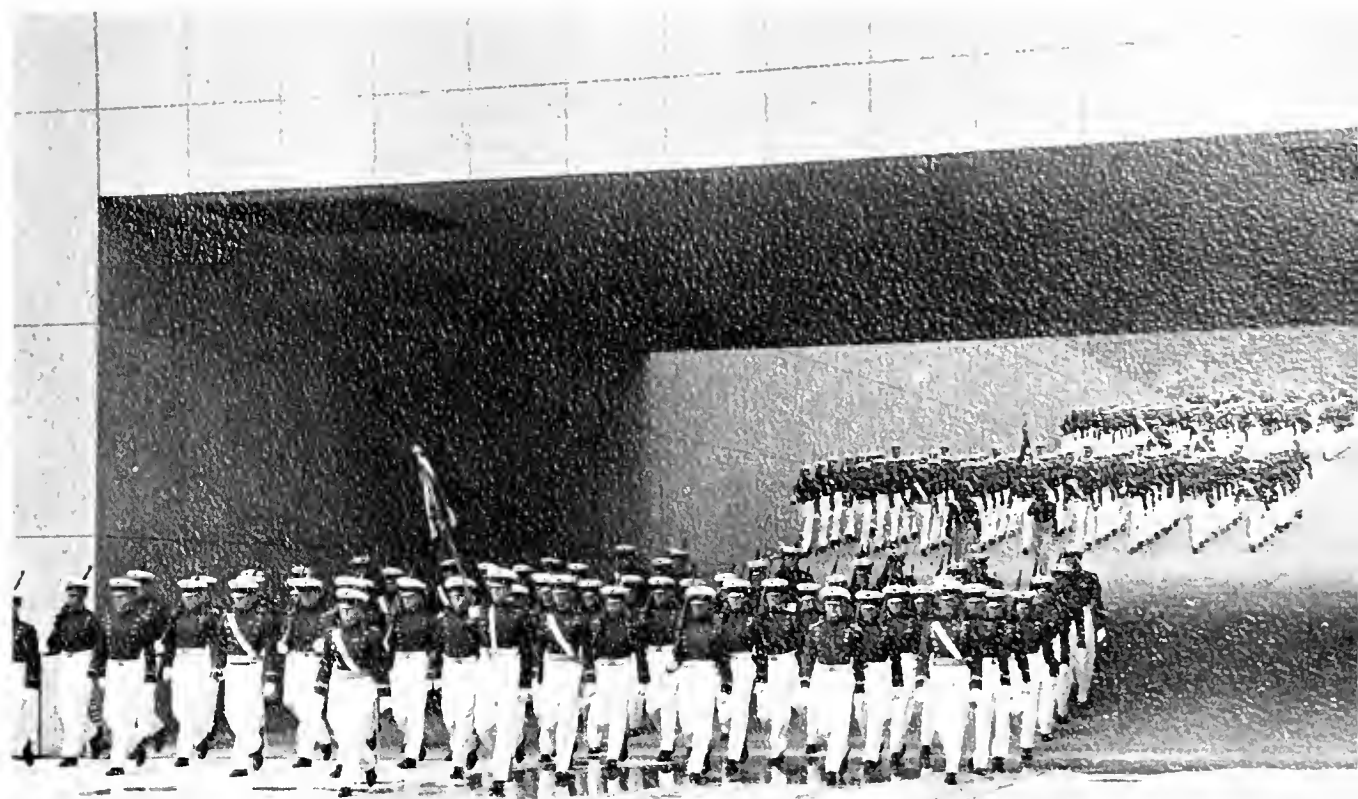
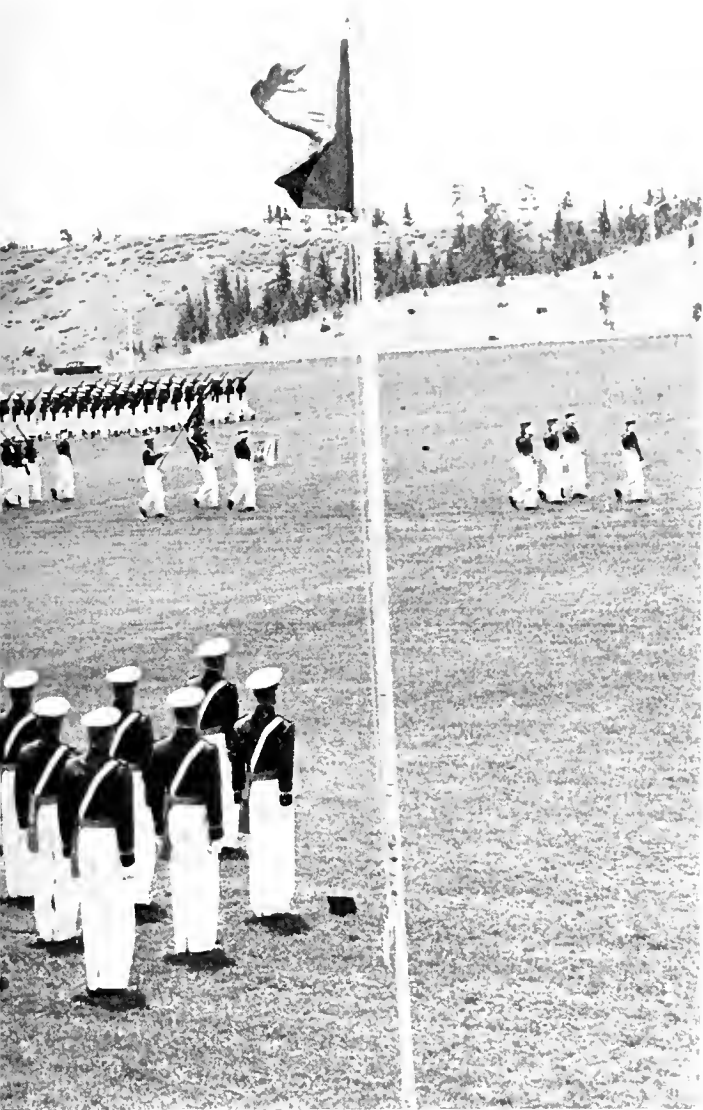




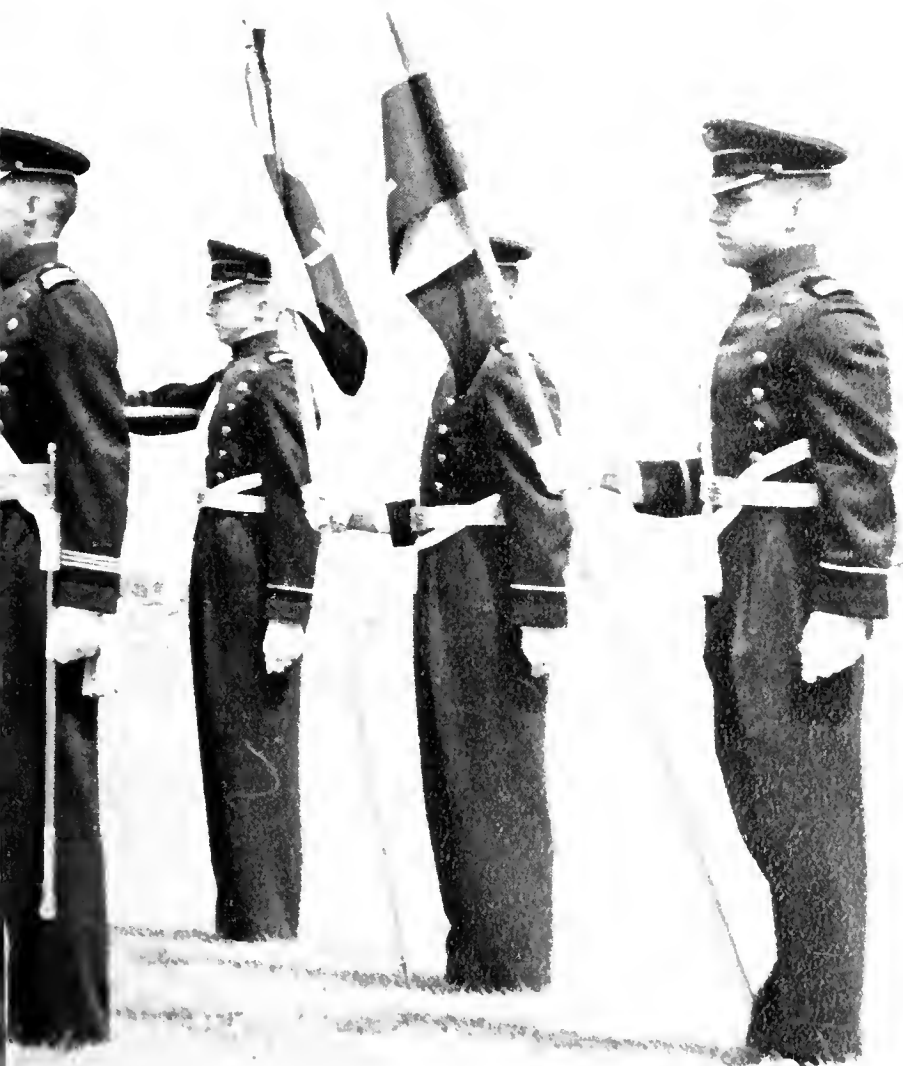
June Week is alway



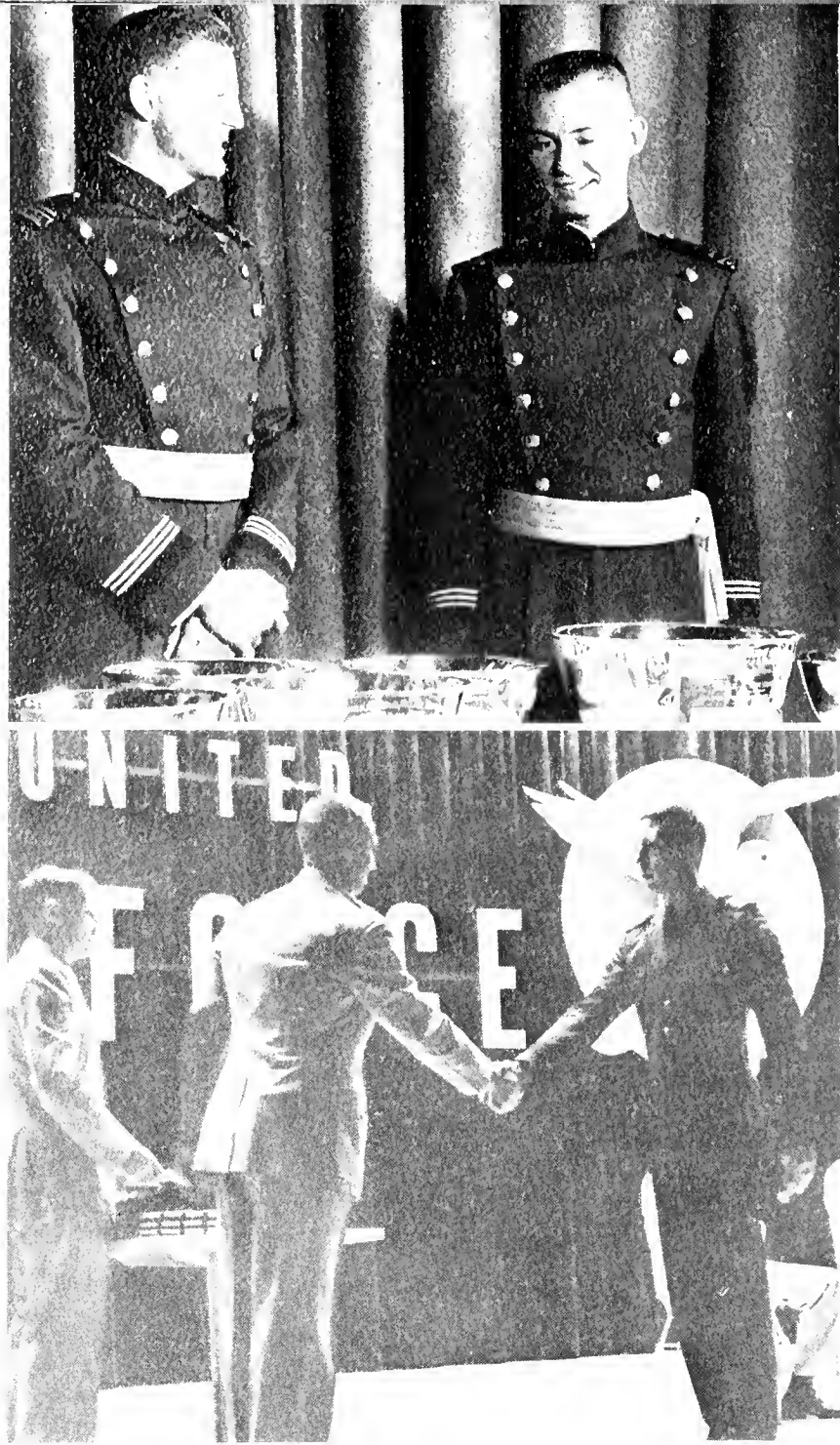




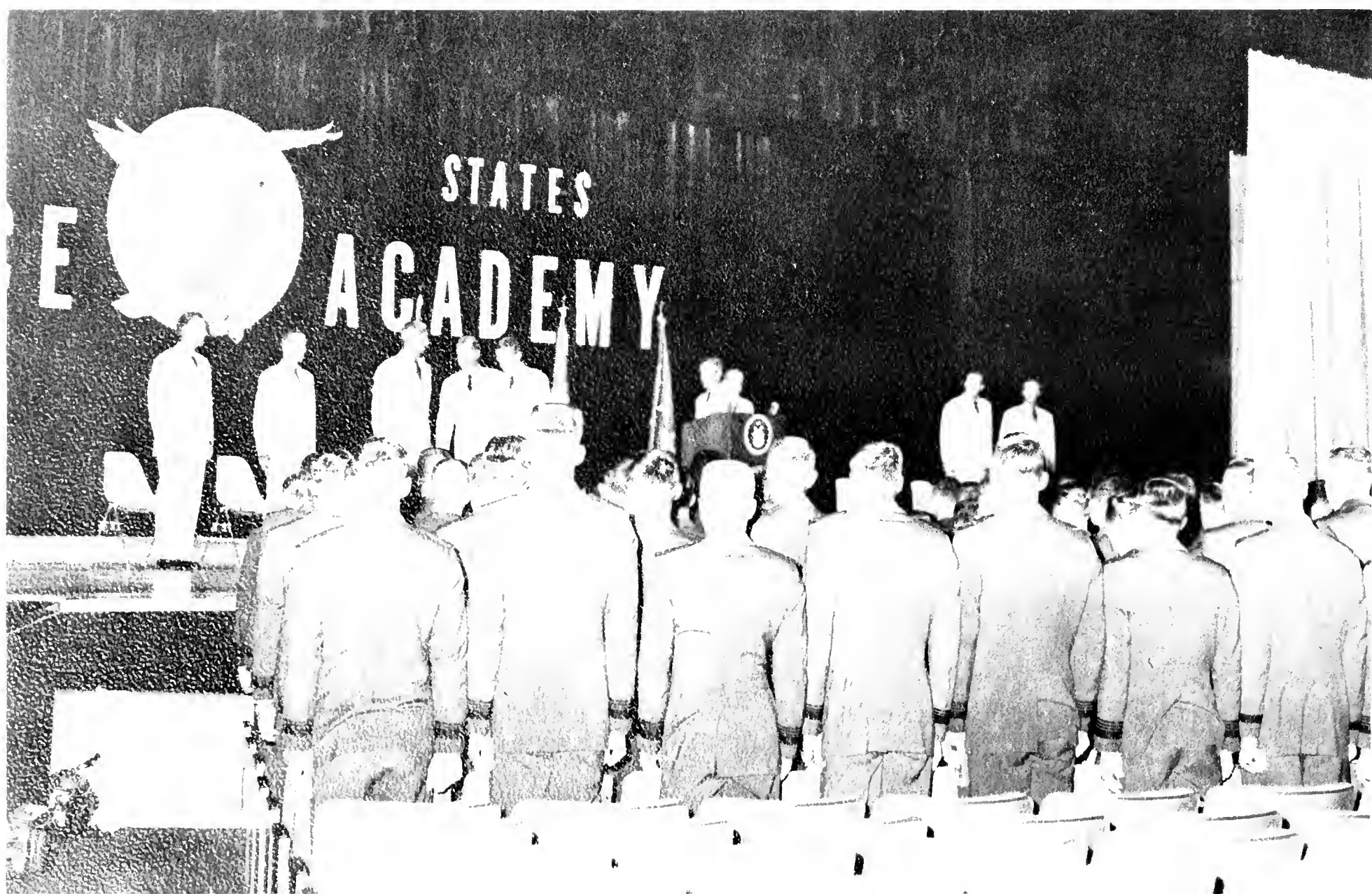
... time for P-rades ...







And a time for







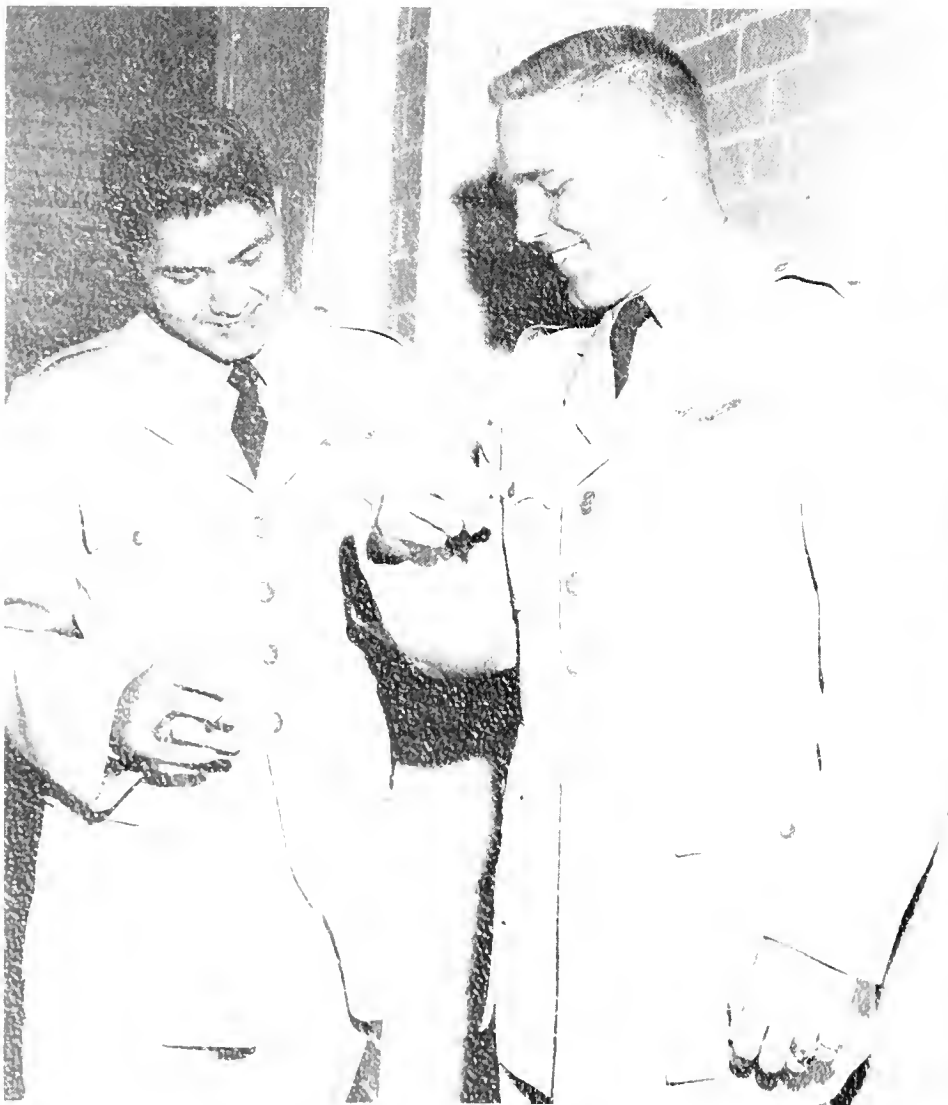
Recognition...



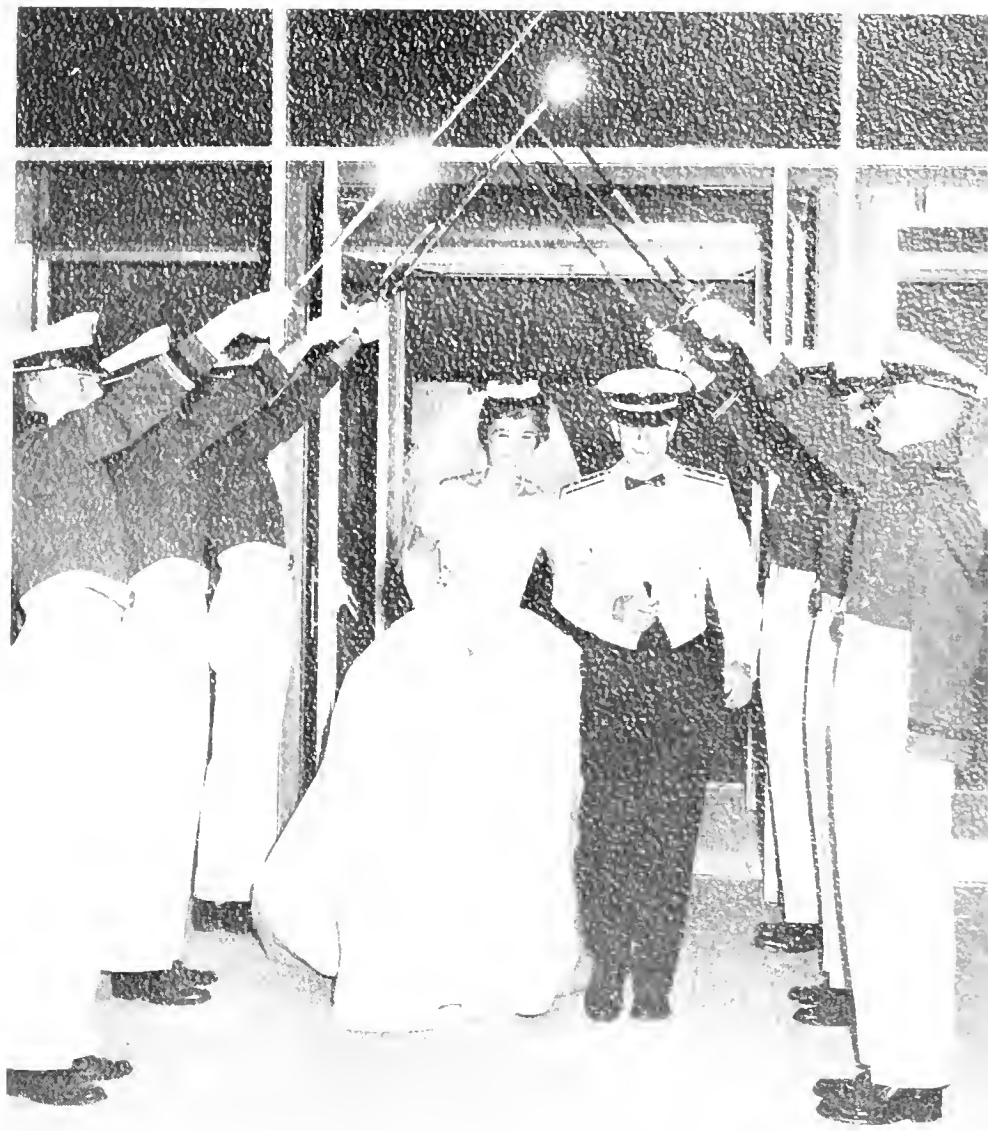




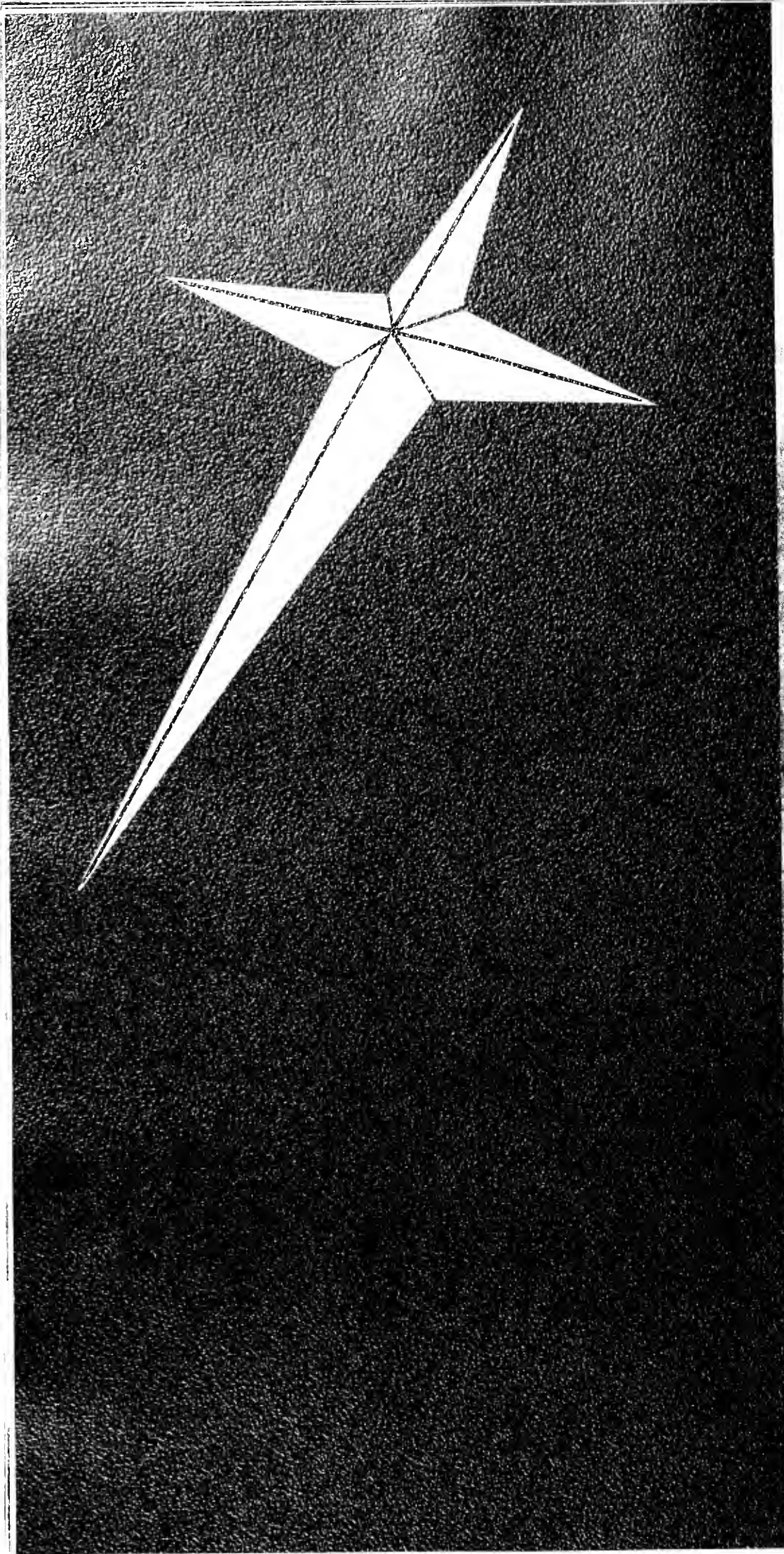
And a time for weddings.



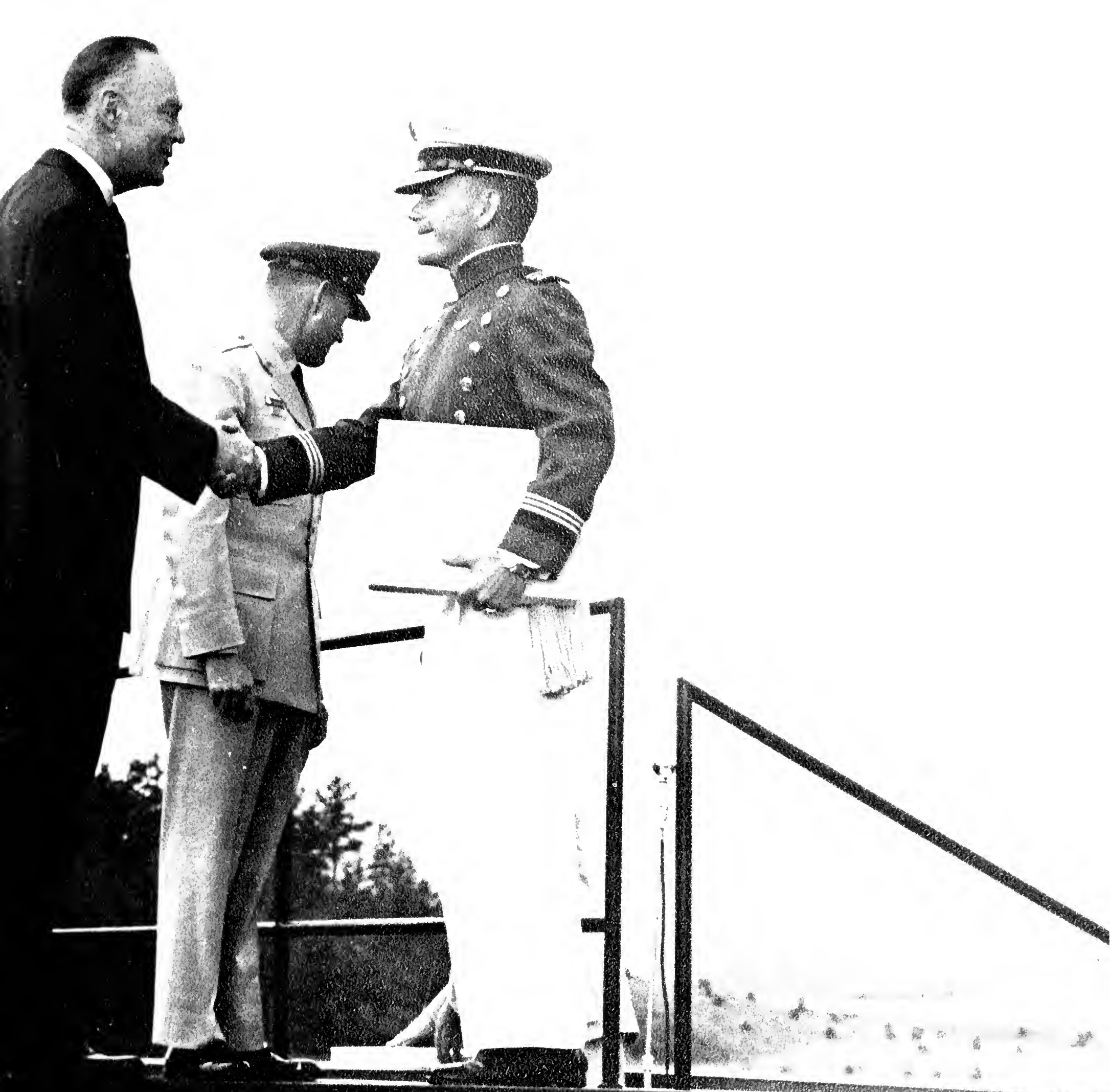






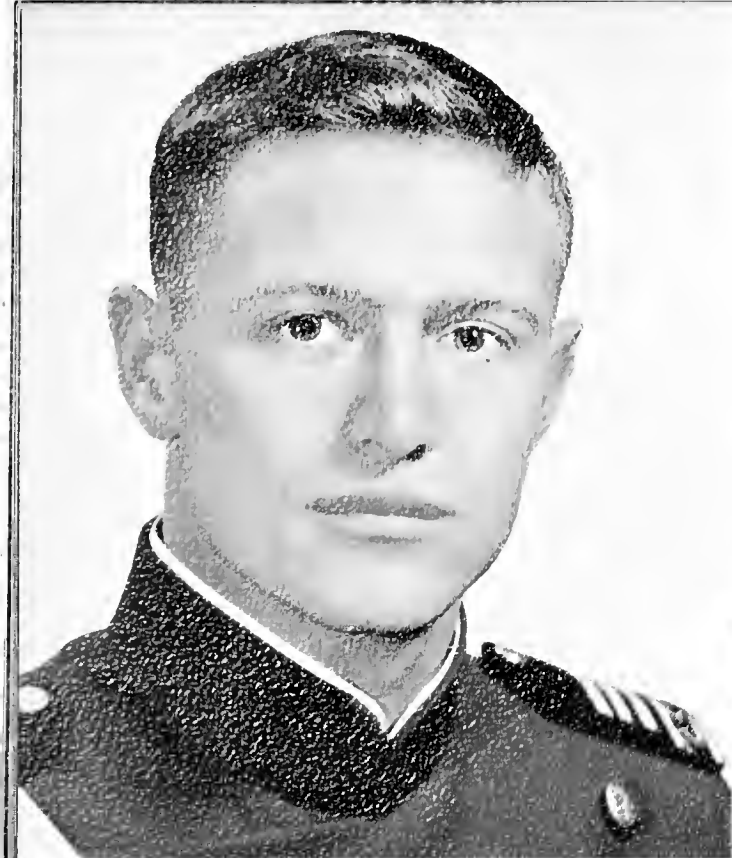






**Class of 1960**





DERRY ALLAN ADAMSON  
"Fish"

San Pedro, California Senatorial  
Swimming 4,3,2,1 (Captain 1)



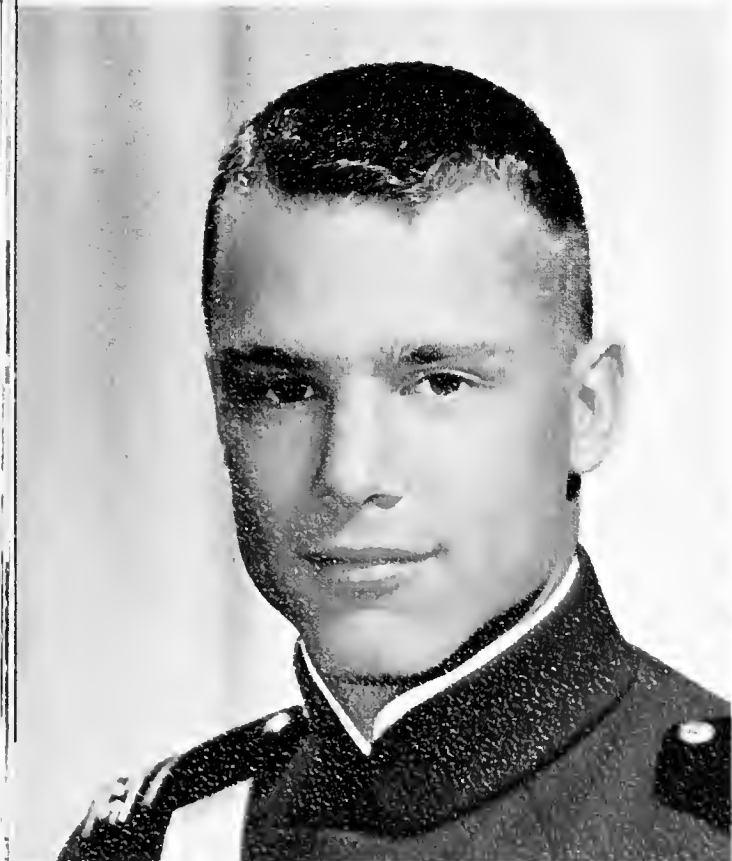
JAMES WILLIAM ALEXANDER  
"Alex"

Piqua, Ohio Congressional  
Baseball 4,2,1  
Football 4,3  
Model Engineering Club 4,3,2



NORMAN COPE ALEXANDER  
"N. C."

Jefferson City, Missouri Congressional  
Ski Club 4,3  
Wrestling 4  
Yearbook 4,3,2,1 (Editor-in-chief 1)



JAMES WILBUR ANDERSON, III

Piqua, Ohio Congressional



FULLER DAVID ATKINSON  
"Fuller"

Barnesville, Maryland Congressional  
Class Committee 2,1  
Cross Country 4  
Entertainment Committee 3 (Secretary-Treasurer)  
Lacrosse Club 4,3,2,1 (Vice-president 2)  
Talon Staff 4,3,2,1 (Editor-in-chief 1)



ROBERT ERROL BADGER  
"Bob"

South Bend, Indiana Congressional  
Ski Club 3,2,1  
Wrestling 4,3





DONALD HENRY ALMANZAR  
"Slik"

San Pedro, California

Reserve

Contrails Staff 4,3,2,1  
Choir 4,3,2,1  
Geography Club 4,3,2  
Lacrosse Club 1  
Ring Committee 2,1  
Ski Club 4,3,2  
Slovak Committee 4,3



KENNETH JOHN ALNWICK  
"der Wick"

New Hyde Park, Long Island, New York

Reserve

Choir 4  
Entertainment Committee 4  
Fishing Club 2  
Lacrosse Club 4,3,2,1  
Rally Committee 3,2,1 (Chairman 2,1)  
Ski Club 4,3,2,1



RICHARD CONRAD AMES  
"Dick"

Stoneham, Massachusetts

Congressional

Football 4



ROBERT LEWIS BAKER  
"Bullet Bob"

Mt. Sterling, Kentucky

Congressional

Cross Country 4,2  
Hunting Club 4,3,2,1  
Judo Club 4,3,2  
Ski Club 4,3,2,1  
Track 4



ANDREW WILLIAM BIANCUR  
"B"

Baldwin, New York

Presidential

Escort Committee 2,1  
Gun Club 2,1  
Lacrosse Club 4,3,2,1  
Ring Committee 4,3,2,1  
Ski Club 4,3,2,1  
Ski Control 1  
Soccer 4,3,2,1  
Talon Staff 4,3



KENNETH HUBERT BIEHLE  
"Joe"

Biehle, Missouri

Reserve

Dodo 3,2  
Talon 3,2,1





JAMES ANTHONY BILELLO  
"Tony"

Edwardsville, Illinois Congressional

Cross Country 4,3,2,1  
Track 4,3,2,1 (Co-captain 2,1)



WILLIAM STEPHEN BISHOP  
"Steve"

Greenville, South Carolina Congressional

Choir 4  
Forum 3  
Swimming 4  
Tennis 4,3,2,1



VALMORE WILLIAM BOURQUE  
"Val"

South Hadley Falls, Massachusetts Congressional

Baseball 4,3  
Ski Club 4,3,2,1  
Soccer 4,3



HOWARD FRANKLIN BRONSON, III  
"Howie"

Falls Church, Virginia Senatorial

Bridge Club 3,2,1  
Football 4,3,2,1 (Captain 1)  
Ski Club 3,2



HAROLD GARFIELD BROST  
"Hal"

Yankton, South Dakota Congressional

Academy Assembly 2,1  
Choir 4,3  
Football 4  
Glee Club 4,3  
Honor Representative 2,1  
Swimming 4,3 (Manager)  
Ski Club 4,3,2,1



JOHN PAUL BROWNING  
"J. P."

Stuttgart, Arkansas Congressional

Choir 4,3  
Fencing 4,3,2,1  
Hunting Club 4,3,2  
Skeet Club 3  
Ski Club 4,3,2,1





JOHN FREDERICK BOUTZ

"Fred"

Albuquerque, New Mexico

Presidential

Gun Club 2

Ski Club 4,3,2,1



GREGORY BOYINGTON, JR.

"Greg"

Medford, Oregon

Presidential



DEAN LEROY BRISTOW

"Dean"

Tustin, California

Congressional

Car Committee 1 (Finance Chairman)

Contrails Staff 2,1 (Editor-in-chief 1)

Fencing 3,2,1 (Manager)

Football 4

Talon Staff 3,2,1



JOHN STANLEY BRUSH

"Jack"

Riverside, California

Presidential

Hunting Club 2,1

Mountaineering Club 3,2



MICHAEL GEORGE BUCHEN

"Mike"

Richmond, California

Congressional

Football 4

Ring Committee 1

Ski Club 2



JAMES HENRY BUJALSKI

"Bojo"

Carrington, North Dakota

Senatorial

Catholic Choir 4,3,2

Gun Club 3,2,1

Lacrosse Club 2

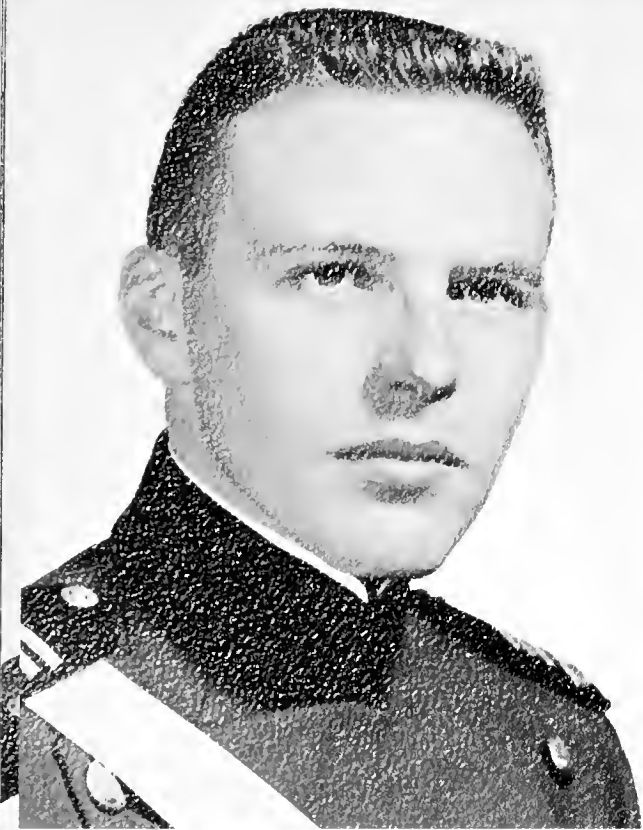
Radio Club 4,3

Ski Club 4,3,2,1

Ski Control 1

Wrestling 4,3,2





THOMAS EDWARD BURKE  
"Tom"

Albany, New York Congressional

Geography Club 4,3,2  
Ski Club 4,3,2,1



DAVID WILLIAM BURNS  
"Dave"

Yakima, Washington Congressional

Choir 4,3  
Contrails Staff 4,3,2  
Gun Club 3,2,1  
Ski Club 3,2,1



ANTHONY JOSEPH BURSHNICK  
"Tony"

Forest City, Pennsylvania Congressional

Basketball 4,3,2  
Class Committee 4,3,2  
Catholic Religious Council 1



JAMES RICHARD CARTER  
"J. R."

Goshen, Utah Congressional

Aero Club 3  
Choir 3,2  
Forum 3,2,1  
Gun Club 4,3,2,1  
Photography Club 4,3,2,1 (President 1)  
Model Engineering Club 4  
Protestant Religious Council 1  
Radio Club 4,3,2,1  
Soaring Club 4,3  
Skeet Club 4,3,2,1  
Ski Club 4,3,2,1  
Ski Control 1  
Yearbook Staff 4,3,2,1 (Section Editor 2,1)



JERRY LEWIS CASKEY  
"Cask"

Crane, Texas Congressional

Class Committee 4,3,2  
Honor Representative 2,1



JAMES WALKER CLARK, JR.  
"Jim"

Redlands, California Congressional

Car Committee 1  
Choir 4  
Sunday School Teacher 3,2  
Swimming 4  
Talon Staff 2,1 (Art Editor)  
Track 4 (Manager)





PETER JACQUETTE BURTON  
"Pete"

Parsons, Kansas Congressional

Cross Country 4  
Ski Club 4,3  
Ski Team 4,3,2,1



ALFRED KIRKLAND CANTERBURY, JR.  
"Alf"

Beckley, West Virginia Congressional

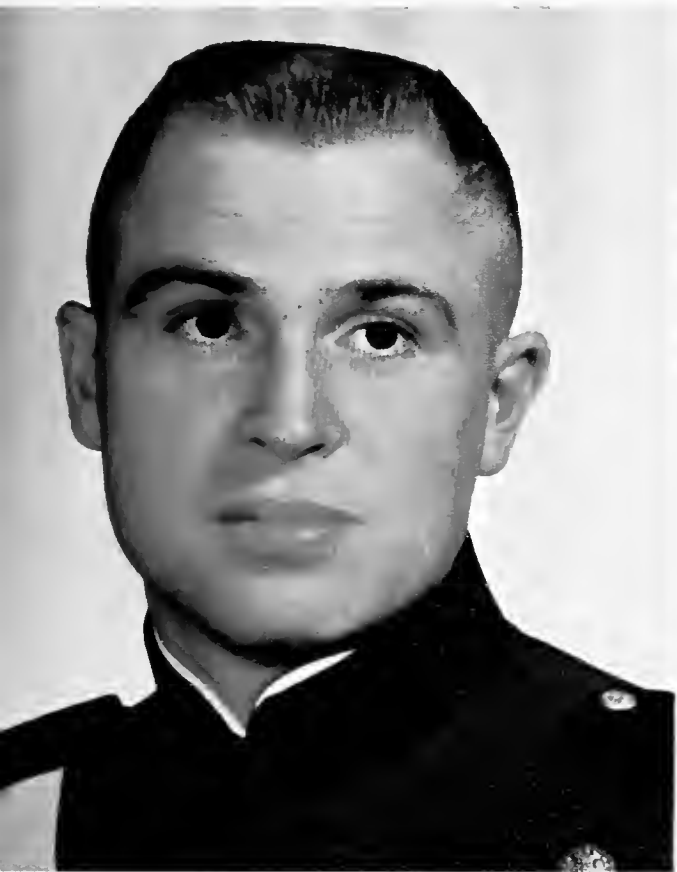
Aero Club 3,2  
Gun Club 4,3,2  
Swimming 4,3,2,1



WILLIAM ANDREW CARNEGIE  
"Bill"

Detroit, Michigan Congressional

Archery Club 2,1  
Lacrosse Club 3,2,1  
Photography Club 4,3,2  
Ski Club 4,3,2,1



MICHAEL ANTHONY CLARKE

Crystal Lake, Illinois Congressional

Football 4  
Track 3



MICHAEL JEROME CLARKE  
"Mike"

Camden, Delaware Senatorial

Aero Club 4,3,2  
Choir 3  
Glee Club 3  
Gymnastics 1  
Model Engineering Club 2,1  
Radio Club 4,3,2,1  
Ski Club 4,3,2  
Soaring Club 4,2



ALFRED JOSEPH CLER, JR.  
"Rosie"

Villa Grove, Illinois Congressional

Dance Committee 4,3,2,1 (Secretary 3,2,1; Vice-president 4)  
Ski Club 4,3,2,1





GEORGE M. COLLIER  
"Itch"

Galveston, Texas Congressional

Choir 4  
Hunting Club 1  
Model Engineering Club 4



NORMAN BUCK CONGDON  
"Buck"

Bradenton, Florida Presidential

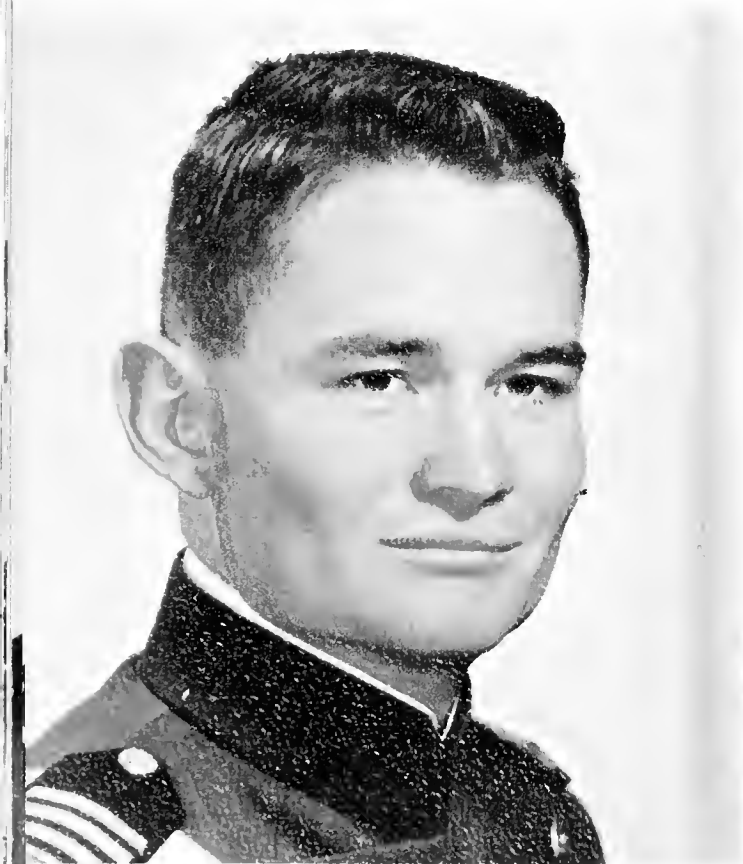
Dance 4,3,2  
Entertainment Committee 1  
Swimming 4,3,2,1  
Track 4



CARTH ROBERT COOKE  
"Cookie"

Bangor, Maine Congressional

Ski Club 3,2,1



JOHN RUSSELL CURREY, JR.  
"Russ"

Vicksburg, Mississippi Congressional

Bridge Club 3,2,1  
Fishing Club 3,2,1  
Football 3,2  
Honor Representative 2,1  
Hunting Club 3,2,1  
Ski Club 3,2,1



WILLIAM ROBERT CURRIER  
"Bill"

Burlington, Vermont Congressional

Fishing Club 4,3  
Ski Club 4,3,2,1  
Soccer 4,3,2,1  
Track 3,2,1



JERRY MORRIS DAILY  
"Jerry"

New Albany, Indiana Congressional

Football 4





PHILLIP ARTHUR COOKE  
"P.A."

Kansas City, Missouri Congressional

Dance Committee 2  
Entertainment Committee 1  
Fencing 4,3,2,1  
Geography 4,3  
Yearbook 4,3



GARY FRANCIS CREW  
"Gar"

Waterloo, Iowa Presidential

Choral 4,3  
Glee Club 4,3  
Ski Club 4,3,2,1  
Wrestling 4,3



BERT CHARLES CROFT  
"Bert"

Tulsa, Oklahoma Senatorial

Aero Club 4,3,2,1  
Hunting Club 4,3  
Falconer 4,3,2  
Mountaineering Club 4,3,2



ROBERT CHARLES DAVIS  
"Bob"

Lumberton, North Carolina Congressional

Class Committee 1  
Entertainment Committee 4,3  
Fencing 4,3,2,1 (Captain 1)  
Forum 1  
Photography Club 2,1



JON ROBY DAY

Caldwell, New Jersey Congressional

Bridge Club 2,1  
Choir 4,3  
Ski Club 4,3,2,1



BRIAN ALVIN DEEM

Louisville, Kentucky Congressional

Gun Club 4  
Mountaineering Club 3,2  
Ski Club 4,3,2,1

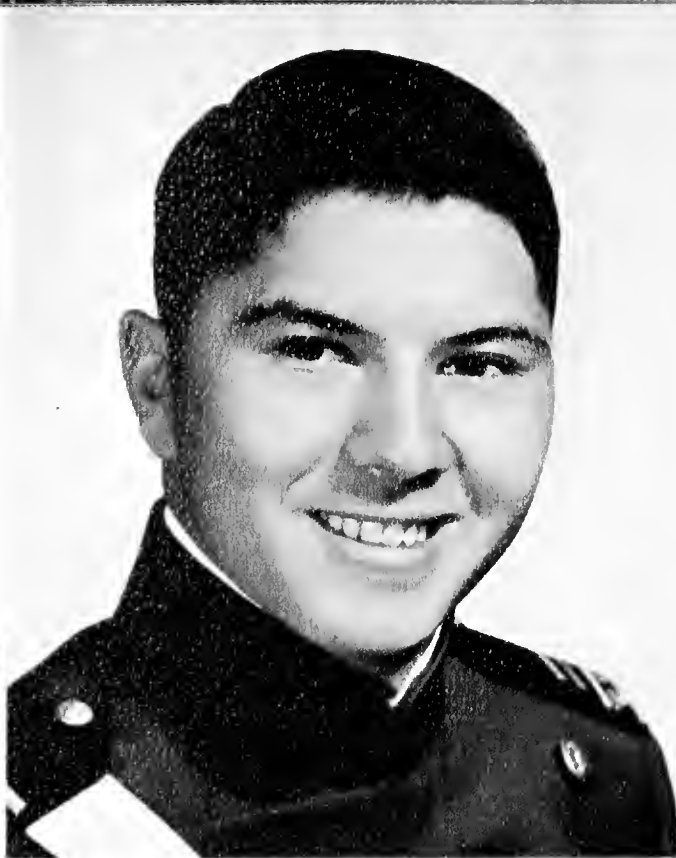




RONALD DEEP

Bridgeville, Pennsylvania Congressional

Basketball 4,3,2,1  
Entertainment Committee 2,1  
Honor Representative 2,1



GERARD DE LA CRUZ

"Jerry"

Minneapolis, Minnesota Congressional

Chess Club 2,1  
Choir 4,3,2  
Fishing Club 4,3  
Football 4  
Photography Club 3,2  
Skiing 4,3,2,1  
Yearbook 4,3,2,1 (Art Editor 2,1)



NEIL PHILLIP DELISANTI

"Nels"

Rochester, New York Congressional

Choir 4  
Entertainment 3,2  
Model Engineering Society 3,2  
Wrestling 4,3,2



RICHARD LEE DOYLE

"Dick"

Lebanon, Oregon Congressional

Archery Club 2,1 (Officer 1)  
Engineering Society 3,2  
Fishing Club 3,2  
Gun Club 3,2,1  
Ski Club 4,3,2,1



HERBERT MICHAEL ECKWEILER

"Herb"

Blooming Grove, Hawley, Pa. Congressional



GEORGE EMERSON ELSEA

"George"

Sioux City, Iowa Congressional

Fishing Club 3,2  
Honor Representative 2,1  
Model Engineering Club 3,2  
Ski Club 4,3,2,1





BILLY GENE DELONY  
"Bill"

Ruston, Louisiana Congressional

Fishing Club 4,3,2,1  
Soccer 4,3,2,1  
Track 4,3  
Yearbook 4,3



CHARLES STEWART DIVER  
"Chuck"

Highland, Michigan Congressional

Dance Committee 4  
Gun Club 2  
Honor Representative 2,1  
Slovak Committee 3



CLEMEUNT T. DOUGLASS, III  
"Doug"

Gallion, Alabama Congressional

Dance Band 2,1 (Cadet-in-charge 1)  
Forum 1  
Music Group 3,2,1 (Cadet-in-charge 1)



JERRY LANCE FARQUHAR

Newport Beach, California Congressional

Swimming Team 4,3,2,1



JAMES CARL FEY  
"Jim"

Kirkwood, Missouri Congressional

Fishing Club 4,3  
Protestant Religious Council 2,1  
Wrestling 4,3,2,1

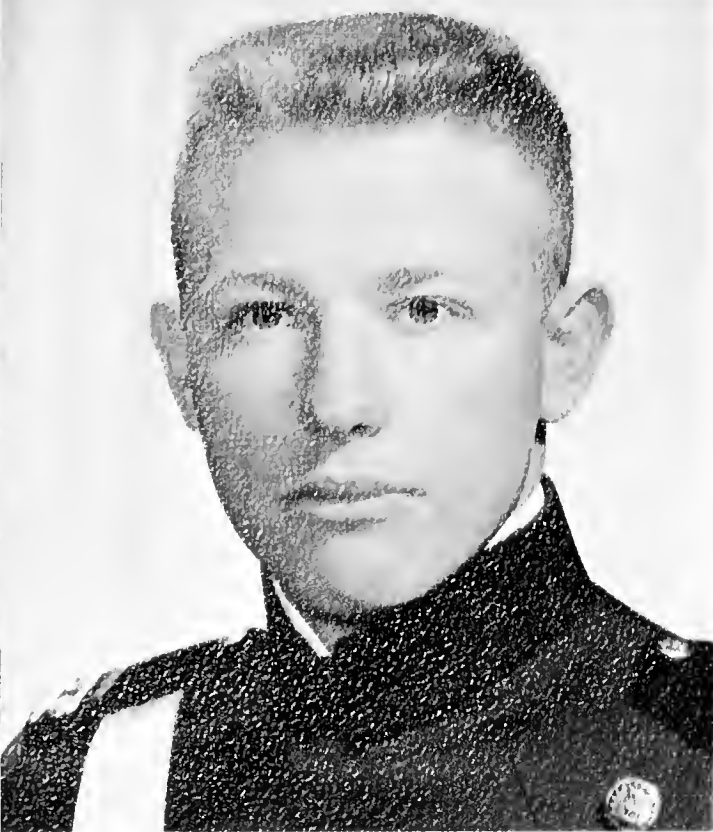


ROBERT HENRY FISCHER  
"Bob"

Doylestown, Pennsylvania Congressional

Bowman's Club 3,2  
Ring Committee 3,2,1 (Recorder 1)  
Ski Club 3,2,1  
Swimming 4  
Track 4,3,2,1  
Yearbook Staff 4

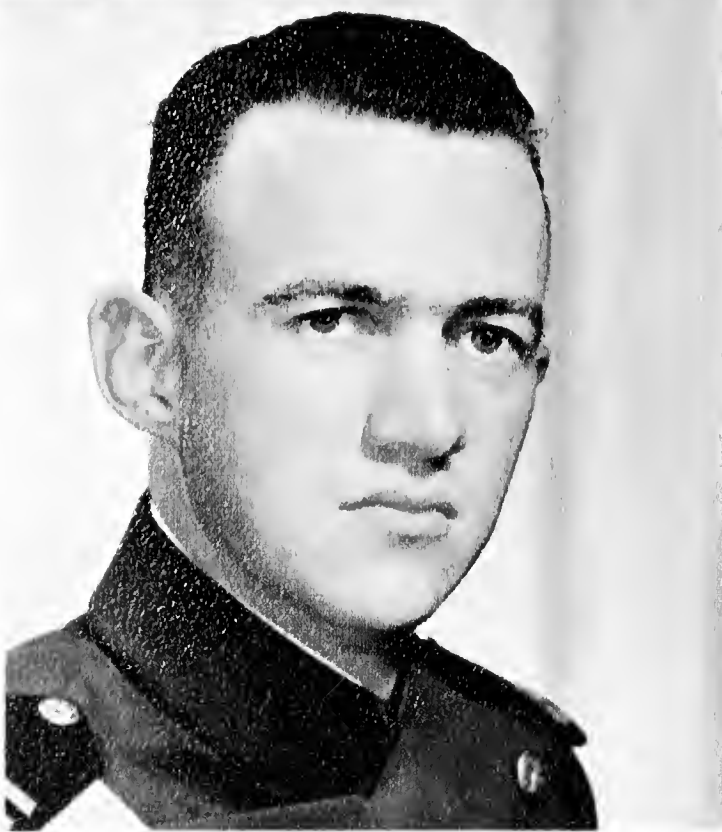




GORDON ROBERT FLYGARE  
"Gordo"

Tinker AFB, Oklahoma Congressional

Pep Band 4,3  
Pistol 1



CHARLES STANLEY FOLKART, JR.

Boston, Massachusetts Congressional

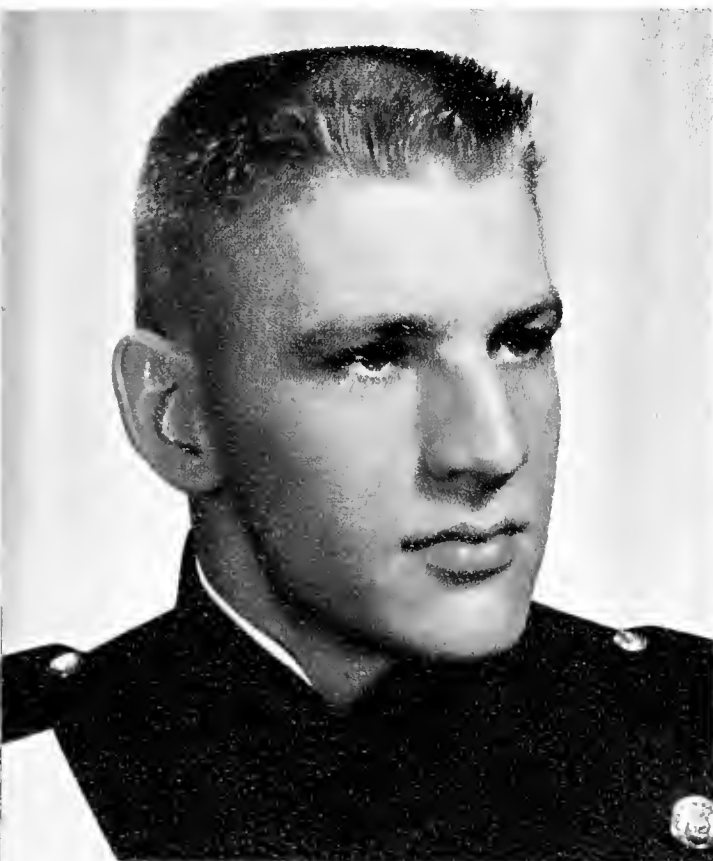
Chess Club 4,3,2,1 (President 1)  
Class Committee 2,1 (Class Historian 2,1)  
Dodo 2,1  
German Club 1 (President 1)  
Sixty Reporter 2,1  
Ski Club 4,3,2,1



GEORGE JOSEPH CHARLES FRIES  
"GJC"

Brooklyn, New York Congressional

Forum 1  
Gun Club 1  
Lacrosse Club 3,2,1 (Secretary-treasurer)  
Rally Committee 2,1  
Ski Club 2,1  
Yearbook 3,2,1 (Business Manager 1)



CHARLES DAVID GEORGI  
"Charlie"

Bellevue, Kentucky Senatorial

Entertainment Committee 1  
Photography Club 4,3  
Track 4



JOHN CROWE GIFFEN  
"Giff"

Manistique, Michigan Senatorial

Bridge Club 3,2,1  
Chess Club 4,3  
Choir 4,3  
Chorale 3,2,1 (Vice-president 1)



WILLIAM ALLEN GILLIS  
"Wild Bill"

Winthrop, Massachusetts Congressional

Cheerleader 2,1  
Chorale 4,3,2  
Dance Committee 3,2,1  
Entertainment Committee 2,1  
Football 4,3  
Forum 4,3,2,1  
Mountaineering Club 3,2,1  
Rally Committee 2,1  
Ski Club 4,3,2,1 (Vice-president 1)  
Ski Team 4  
Wrestling 4,3





BEN TADASHI FURUTA

"Tadashi-san"

Los Angeles, California

Congressional

Dance Committee 4  
Fishing Club 1  
Pep Band 1  
Ski Club 4  
Wrestling 4,3,2,1



WALTER LEONIDAS FUTCH

"Walt"

Thomasville, Georgia

Congressional

Geography Club 4  
Ski Club 4,3



GERALD HUNTER GAMMILL

"Gerry"

Leighton, Alabama

Congressional

Choir 4,3  
Music Club 4,3



JERRY LYNN GIRARD

"Gar"

Air Force, USA

Senatorial

Model Engineering Society 4,3  
Mountaineering Club 3,2,1  
Ski Club 4,3,2,1



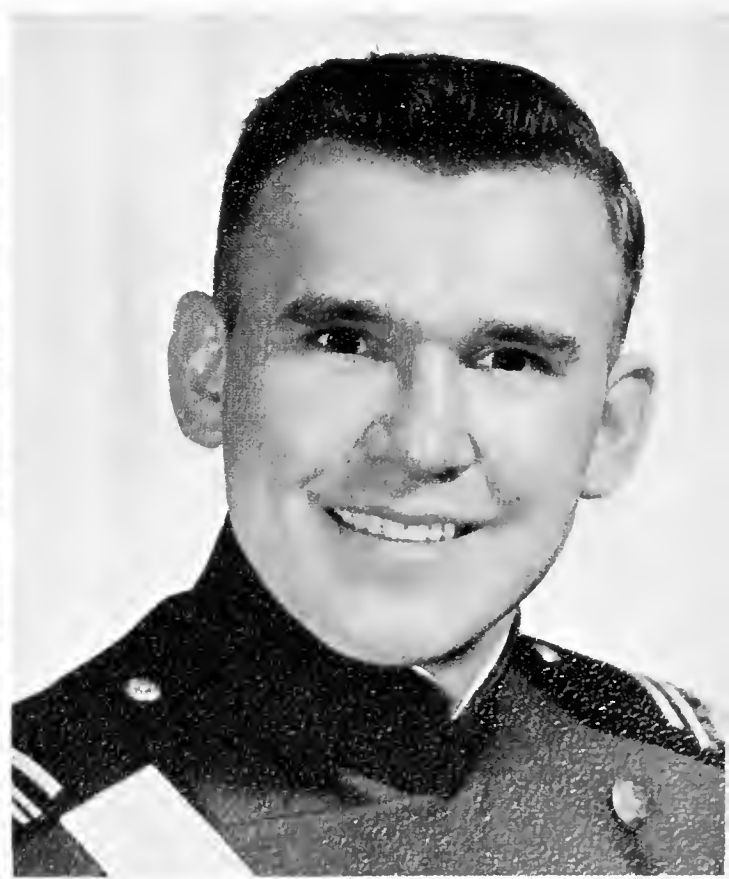
JAMES FREDERICK GLAZA

"Jim"

Bay City, Michigan

Congressional

Acolyte Guild 4,3  
Choir 4,3  
Chorale 2,1  
Hockey Club 2  
Ski Club 3,2,1  
Soccer 4  
Swimming 4  
Talon Staff 4,3  
Yearbook Staff 3,2,1 (Layout Editor 1)



JOHN PETER GONSKY

"Whale"

Northampton, Massachusetts

Senatorial

Engineering Society 3,2,1  
Football 4  
Skiing Team 3,2





WILFRED LEON GOODSON  
"Leon"

McAlester, Oklahoma Congressional

Academy Assembly 2,1 (Chairman 1, Assistant  
chairman 2)  
Engineering Society 3,2,1  
Forum 3,2,1  
Photography Club 4,3,2  
Radio Club 2  
Ski Club 4,3,2



WILLIAM GEORGE GOODYEAR  
"Good Will"

Jacksonville, Florida Congressional

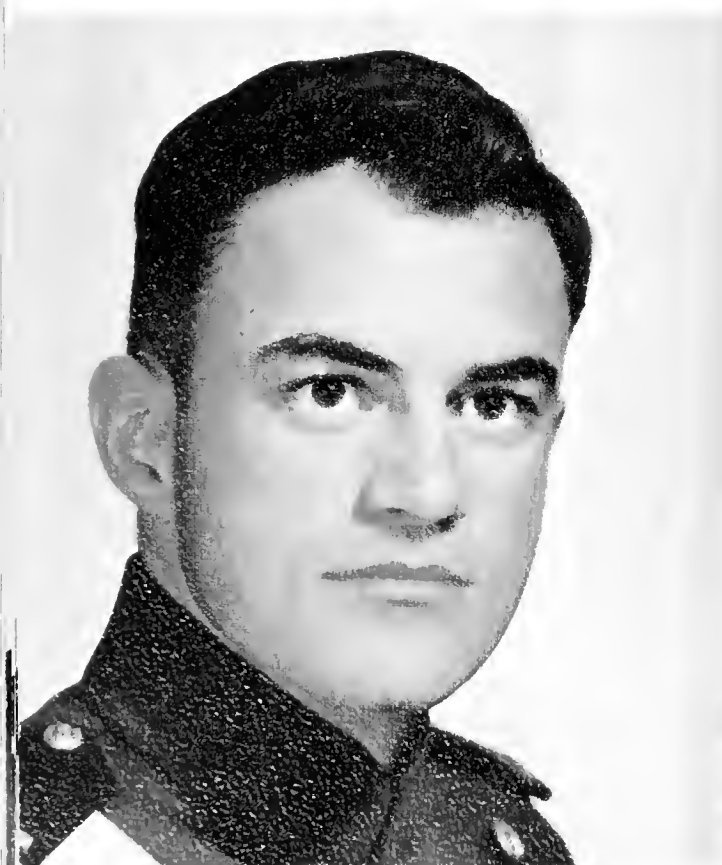
Cross Country 4  
Dodo Staff 2,1  
Entertainment Committee 4,3



FRANK WIMBERLY GORHAM, JR.

LaPlata, Maryland Presidential

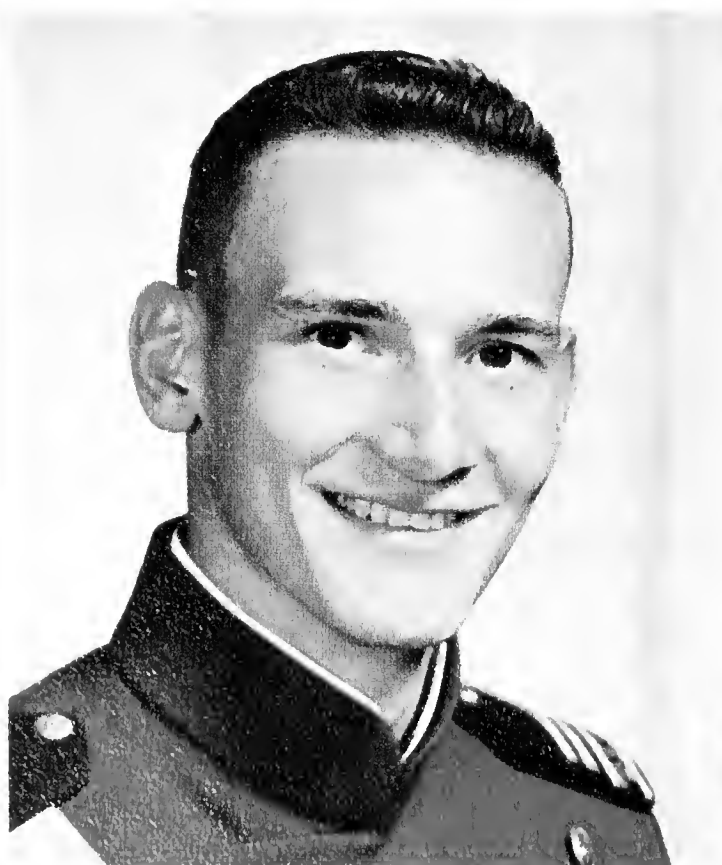
Geography Club 4  
Gun Club 2,1  
Photography Club 3,2  
Skeet Club 3  
Ski Club 4,3,2,1



JOHN EDWARD GUTZWEILER, JR.  
"John"

Easton, Pennsylvania Congressional

Ski Club 4,3,2,1



EDWARD JOHN HAERTER  
"Ed"

Milwaukee, Wisconsin Senatorial

Dance Committee 3,2,1  
Gun Club 4,3,2,1



WILLIAM DONALD HALES  
"Bill"

Steubenville, Ohio Congressional

Pistol Club 4  
Pistol Team 4  
Ski Club 4,3,2

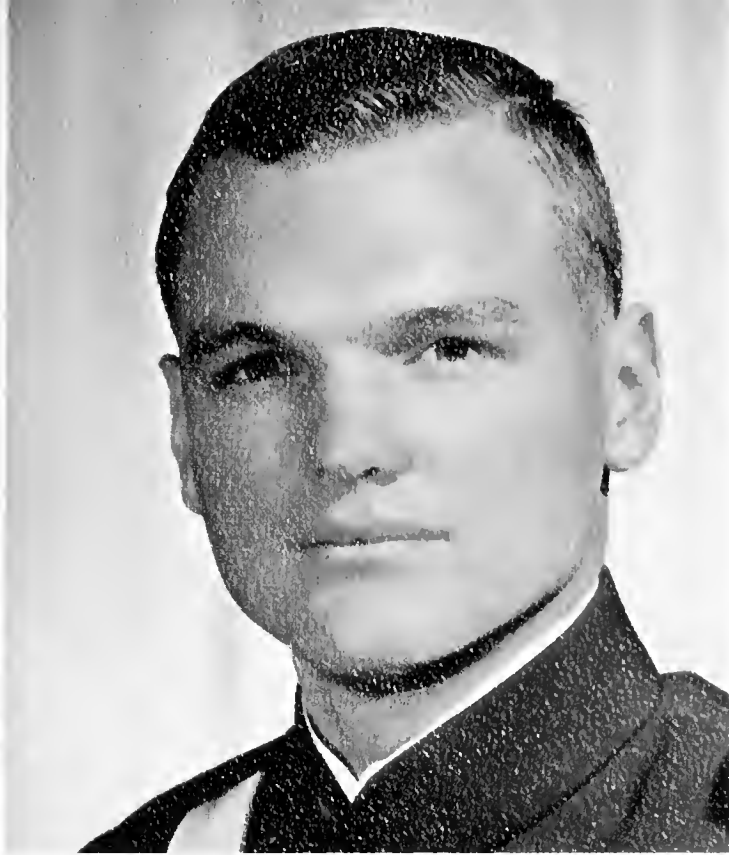




ATHOS EUGENE GUILLOT, JR.  
"Rebel"

Alexandria, Louisiana Congressional

Class Committee 1  
Gun Club 4,3,2,1 (Officer 1)  
Gymnastics 4,3  
Ski Club 4,3,2,1



GARY GUNNAR GULBRANSEN  
"Goose"

Great Neck, New York Congressional

Chorale 4,3  
Class Committee 1  
Entertainment Committee 2,1  
Pistol 4,3,2,1



SYDNEY ELLSWORTH GURLEY  
"Syd"

St. Louis, Missouri Congressional

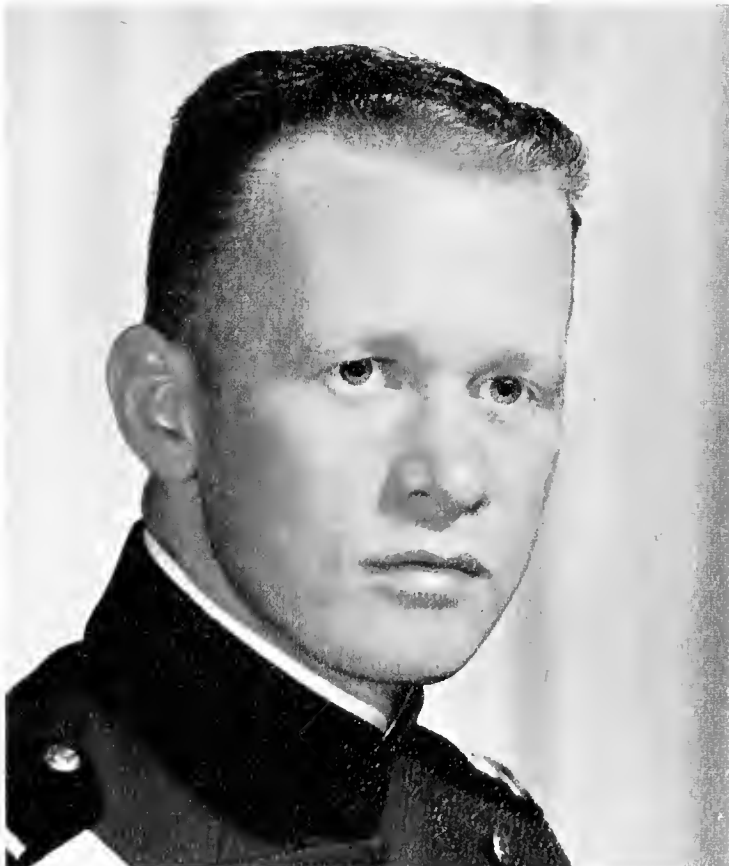
Dance Committee 2,1  
Gun Club 2,1  
Ski Club 4,3,2,1  
Tennis 4  
Track 3



NORMAN MEHLHORN HALLER  
"Walt"

Cols, Ohio Congressional

Baseball 4,3,2,1 (Captain 1)



DENIS JOSEPH HANEY  
"Denny"

Brooklyn, New York Congressional

Entertainment Committee 1  
Fencing 4,3  
Ring Committee 4,3,2,1  
Ski Club 4,3,2,1



JASPER HORACE HARDISON, JR.

Fayetteville, North Carolina Congressional

Professional Studies Group 1  
Ski Club 1 (President)





CHARLES EDGAR HART  
"Chuck"

Hilliard, Ohio Congressional

Fishing Club 4,3,2,1 (President 1)  
Football 4  
Hunting Club 4,3,2,1  
Radio Club 3  
Ski Club 3,2,1  
Track 4  
Wrestling 3,2



RICHARD GLENN HEAD  
"Dick"

Cedar Rapids, Iowa Senatorial

Choir 4,3,2  
Chorale 4,3,2  
Contrails Staff 3,2,1 (Managing Editor 2; Editor-in-chief 1)  
Forum 4,3,2,1  
Geography Club 4,3  
Honor Representative 2,1  
Radio Club 4,3  
Ski Club 4,3,2,1  
Soaring Club 4,3,2 (President 2)  
Wrestling 4,3,2



ROBERT HARLAN HEIGES, JR.  
"Bob"

Gilroy, California Regular

Chess Club 4,3,2,1  
Model Engineering Society 4,3  
Ski Club 4,3,2,1  
Track 4,3,2,1



LESLIE ALDEN HOBGOOD  
"Les"

Austin, Texas Presidential

Dance Committee 3,2,1  
Lacrosse Club 2,1  
Ski Club 4,3,2,1



WILLIAM THOMAS HODSON, III  
"Bill"

Springfield, Virginia Congressional

Chess Club 4,2,1  
Forum 4,3,2,1  
Radio Club 4,3,2,1



JAMES NICHOLAS HOLLY  
"Nick"

Bay City, Michigan Congressional

Baseball 4,3  
Fishing Club 2  
Football 4  
Rifle 4  
Ski Club 2,1





JOSEPH LEO HIGGINS  
"Joe"

Syracuse, New York Congressional

Dance Committee 3  
Talon Staff 4,3,2,1  
Tennis 4,2



RICHARD JOEL HILLMAN  
"Dick"

Rancho Santa Fe, California Congressional

Tennis 4  
Ski Club 2,1  
Swimming 4,3



GEORGE HAMILTON HINES  
"George"

Newport, Rhode Island Congressional

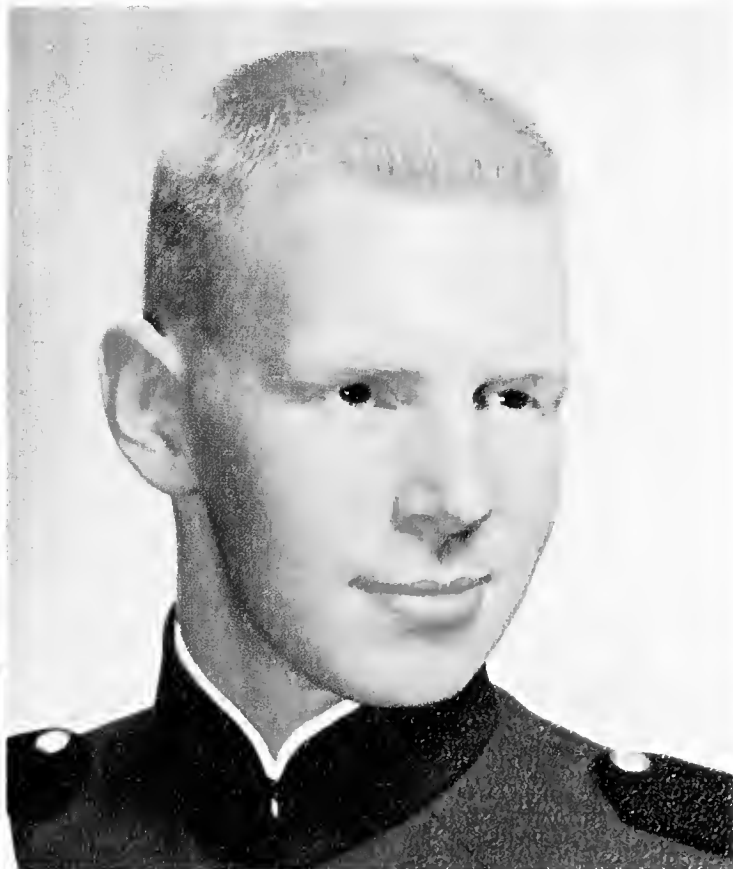
Choir 4,3,2  
Chorale 4,3,2  
Contrails 4,3  
Dodo 4,3,2,1 (Sports Editor 4,3,2; Editor-in-chief 1)  
Fencing 4,3,2,1  
Gun Club 3  
Ring Committee 4,3,2,1 (Chairman 4,3,2,1)  
Ski Club 4,3  
Talon 4,3,2,1  
Yearbook Staff 4,3



CHARLES ANDREW HOLMAN, JR.  
"Ace"

Kannapolis, North Carolina Congressional

Mountaineering Club 4,3,2  
Ski Club 4,3,2,1



STEPHEN RAY HOLT  
"Tim"

Olympia, Washington Congressional

Dance Committee 3,2,1  
Fencing 4  
Radio Club 2,1  
Ski Club 4,3,2,1



EDWARD DONALD HOPKINS

Denver, Colorado Congressional





JOHN HENRY HUHN  
"Seal"

Belmar, New Jersey Congressional

Forum 2,1  
Ski Club 4,3,2,1



MICHAEL LEWIS HYDE  
"Mike"

Boulder City, Nevada Congressional

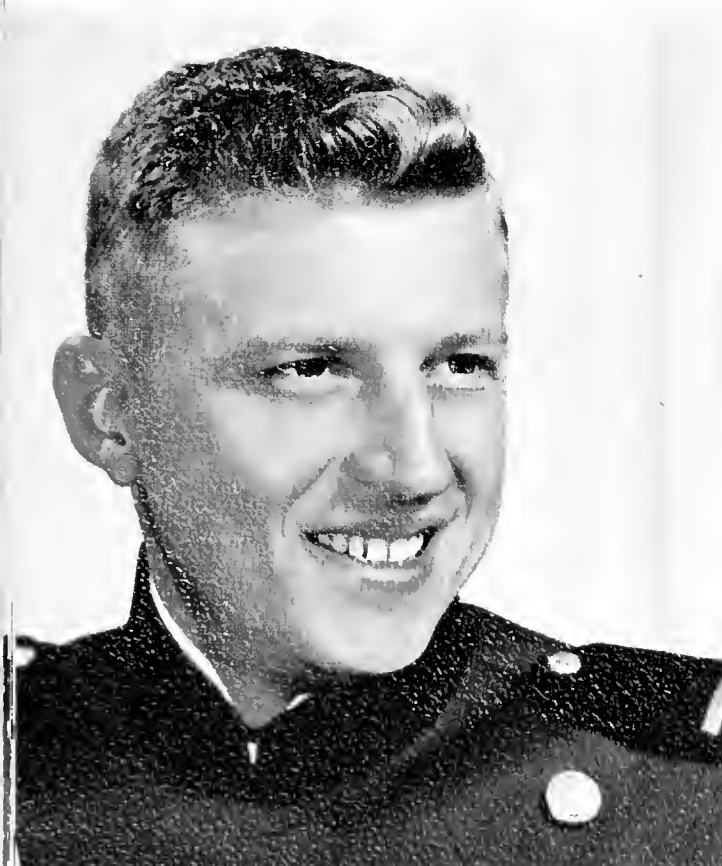
Acolyte Guild 4,3  
Baseball 4,3,2  
Professional Studies Group 1



JOHN ROBERT JANSEN  
"Jance"

Denver, Colorado Congressional

Honor Representative 2,1



WILLIAM ROY JOLLY  
"Roy"

Deertrail, Colorado Congressional

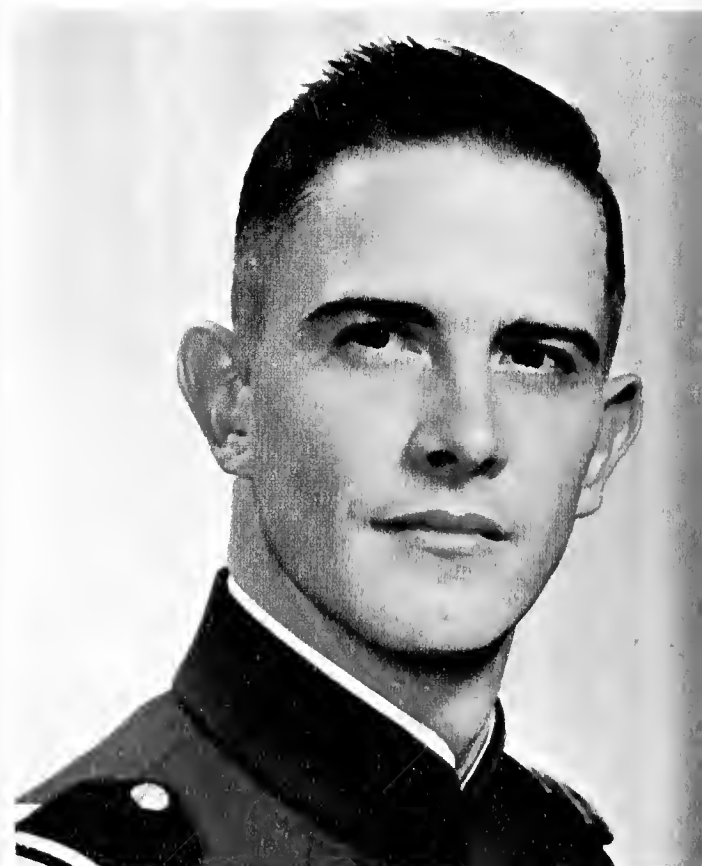
Allied Arts Committee 1 (Chairman)  
Basketball 4,3,2,1 (Manager)  
Class Committee 1 (Chairman)  
Talon Staff 4,3,2,1



KARL McMASTER JONES, JR.  
"Mac"

New York, New York Congressional

Entertainment Committee 3  
Engineering Society 3,2,1 (Vice-chairman 1)



TONY McMACKIN JONES  
"Tony"

Hartsville, South Carolina Congressional





DANIEL KEITH JOHNSON  
"Deke"

Moorhead, Minnesota

Reserve

Football 4,3,2,1  
Radio Club 3,2  
Skeet Club 4,3  
Ski Club 4,3,2,1



JOHN ALLEN JOHNSON  
"Al"

Hammond, Indiana

Senatorial

Entertainment Committee 3  
Mountaineering Club 2  
Ski Club 4,3,2,1 (Treasurer 3)  
Talon Staff 4



LAWRENCE MERLIN JOHNSON  
"Lem"

Glenrock, Wyoming

Congressional

Ski Club 4,3,2,1



BRIAN GRANT KALEY  
"Bri"

Gouverneur, New York

Congressional

Baseball 4,3,1  
Class Committee 1  
Fishing Club 3,2  
Ski Club 4,3,2,1



GARY LYLE KARSCHNICK  
"Krash"

St. Charles, Illinois

Congressional

Cheerleader 2  
Choir 4,3  
Dodo Staff 2,1  
Entertainment Committee 1  
Football 4  
Model Engineering Society 3,2  
Pistol 4,3,2,1  
Ski Club 4,3,2  
Talon Staff 3



MILES ALFRED KASPAR, JR.  
"Pug"

Dorchester, Nebraska

Congressional

Ski Club 4,3,2,1  
Track 4,3,2,1 (Co-captain 1)





WAYNE FRANKLIN KENDALL, JR.  
"Killer"

Harrison, Arkansas Congressional

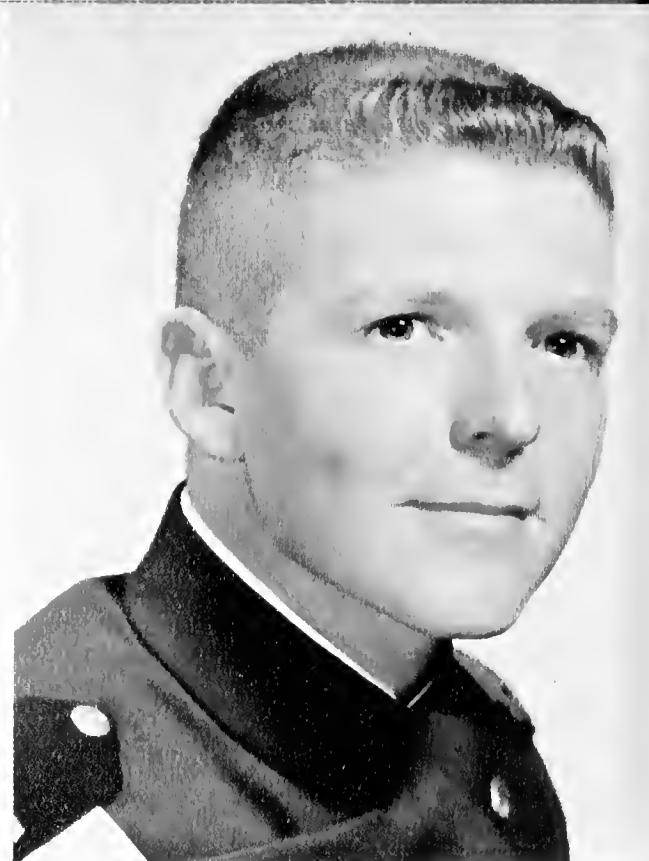
Chorale 4,3,2  
Choir 4,3,2,1  
Wrestling 4,3,2,1 (Captain 1)



JAMES ALEXANDER KERR, JR.  
"Dolp"

Jackson, Mississippi Congressional

Baseball 3,2,1  
Choir 4  
Football 4,3,2,1  
Protestant Religious Council 2,1



HARRISON EDWARD KING, JR.  
"Pete"

Columbus, Mississippi Congressional

Choir 4,3,2  
Contrails Staff 4,3,2  
Golf 3,2,1  
Gun Club 4,3,2,1  
Fishing Club 3,2,1  
Ski Club 4,3,2,1



DAVID ERWIN LACHELT  
"Dave"

Southington, Connecticut Congressional

Engineering Society 2,1  
Hockey Club 2  
Lacrosse Club 3,2,1  
Model Engineering Society 4,3,2,1 (President 2,1)



THOMAS RALPH LALIME  
"Ralph"

Boston, Massachusetts Congressional

Choir 4,3  
Rally Committee 4,3,2,1  
Ski Club 4,3,2



HARDY FRANKLIN LEBEL  
"Salty Able"

Dallas, Texas Senatorial

Aero Club 1  
Mountaineering Club 1 (Materiel Officer)  
Football 4  
Wrestling 4,3,2,1





RICHARD ALLYN KINGMAN  
"Dick"

Locust Valley, New York Congressional

Forum 3,2,1 (President 1)  
Golf 4  
Rifle 4,3,2,1



WILLIAM JOHN KORNITZER, JR.  
"Corny"

Bennington, Vermont Senatorial

Baseball 4,3  
Hunting Club 3  
Ski Club 3,2



JOHN DAVID KUENZEL

St. Mary's, Ohio Congressional

Football 4,3,2,1



WILLIAM HAROLD LENINGER  
"Bill"

Chicago, Illinois Congressional

Football 4,3,2  
Ski Club 4,3,2



ROGER CHARLES LENT  
"Rog"

Blackfoot, Idaho Congressional

Honor Representative 3,2,1



EDWARD WATSON LEONARD, JR.

Winlock, Washington Congressional

Bowman's Club 1





GEORGE THROWER LESTER

"George"

Mt. Lebanon, Pennsylvania

Congressional

Football 4,3

Ring Committee 2,1



ARTHUR JOSEPH LEWIS

"Art"

Melrose, Massachusetts

Congressional

Cheerleader 1

Gymnastics 4,3,2,1

Photography Club 3,2,1

Radio Club 4,3

Track 4



CHARLES FRANKLIN LEGGETT

"Chuck"

Ripley, Ohio

Congressional

Fishing Club 4,3,2,1

Hunting Club 3,2

Ski Club 4,3,2,1



CLIFTON CAMERON LOVELL

Ft. Walton Beach, Florida

Congressional

Forum 1

Photo Club 1



DAVID BARCLAY LUCE

"Dave"

Orland, California

Congressional

Radio Club 1



GEORGE ELLIOTT LUCK

"George"

Wrightsville, Georgia

Senatorial

Choir 4,3

Dance Committee 4,3,1 (Chairman 4)

Fishing Club 2,1

Gun Club 2,1

Rifle 4,3,2,1





JOHN MICHAEL LOH  
"Roach"

Washington, District of Columbia Congressional

Catholic Religious Council 1  
Engineering Society 2,1  
Football 4



ANTHONY HUGH LONG  
"Tony"

Seattle, Washington Congressional

Basketball 4,3,2,1  
Fishing Club 4,3  
Gun Club 2,1  
Honor Representative 1  
Radio Club 3



MICHAEL VICKERS LOVE  
"Mike"

Hanna, Wyoming Congressional

Gun Club 4,3,2  
Gymnastics 4,3,2,1  
Ski Club 4,3,2



JOHN DAVID MACARTNEY  
"Mac"

Pasadena, California Congressional

Contrails Staff 4,3,2  
Entertainment 1  
Forum 3,2,1  
Geography Club 4  
Hunting Club 4,3,2,1  
Ski Club 3,2,1



RUSSELL REED MACDONALD, JR.  
"Mac"

Butler, Pennsylvania Congressional

Forum 2,1  
Model Engineering Society 2,1



WILLARD RICHARD MACFARLANE  
"Fat Mac"

Ogden, Utah Congressional

Academic Committee 2  
Car Committee 2,1 (Chairman 1)  
Class Committee 2  
Engineering Society 3,2,1  
Photography Club 2,1  
Ski Club 3,2  
Wrestling 4,3





JERRY LEE MASON  
"Jerry"

Redlands, California

Presidential

Dance Committee 4



RICHARD THOMAS MATHEWS  
"Dick"

Quincy, Illinois

Congressional

Rally Committee 2,1  
Ring Committee 3,2,1  
Talon Staff 2,1



FRANK DAVID MAYBERRY  
"Fritz"

Phoenix, Arizona

Congressional

Choir 4,3  
Dance Committee 3,2  
Waterpolo Club 2,1 (President 1)

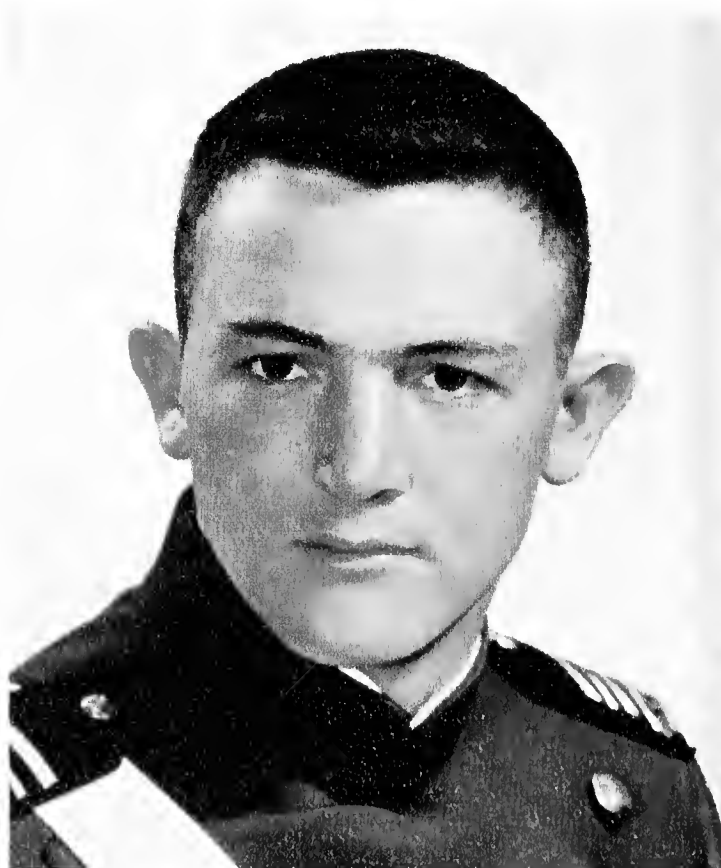


JON WILTON McCLURE  
"Mac"

Mobile, Alabama

Congressional

Class Committee 1  
Mountaineering Club 3,2,1  
Ski Club 4,3,2,1



JOHN ROBERT McCULLOUGH  
"Mac"

Nashville, Tennessee

Congressional

Fishing Club 4,3,2,1 (President 1)  
Football 4  
Gun Club 4,3,2,1 (President 1)  
Ski Club 4,3,2,1



FLORIAN PHILIP MEINHARDT  
"F.P."

Paxico, Kansas

Congressional

Entertainment Committee 3,2  
Forum 2,1  
Hunting Club 4  
Pistol 4  
Ski Club 3,2





DALE QUENTIN MAYO  
*"D.Q."*  
 Huntington, West Virginia Congressional

CHARLES MILTON MCCAIN  
*"Jabo"*  
 Starksville, Mississippi Congressional

MICHAEL JAMES MCCALL  
*"Mike"*  
 Osceola, Wisconsin Congressional

Choir 4,3  
 Football 4,3,2,1  
 Glee Club 4,3,2  
 Ski Club 4,3,1

Gun Club 3,2  
 Hockey Club 2  
 Lacrosse Club 2,1  
 Music Group 3,2



RICHARD FARRIOR MEYER, JR.  
*"Dick"*  
 Mobile, Alabama Congressional

KERRY DOUGLAS MILLER  
*"Doug"*  
 Hyndman, Pennsylvania Regular

RALPH EDWARD MILLER  
*"Rem"*  
 Canyon, Texas Congressional

Choir 4  
 Class Committee 2  
 Honor Representative 2,1

Class Committee 2  
 Entertainment Committee 1  
 Ski Club 3,2  
 Slovak Committee 4,3  
 Talon Staff 2,1





JAMES DALE MILLS  
"Jim"

Commerce, Texas Congressional

Football 4  
Golf 2,1  
Track 3



LEON F. MOLINELLI  
"Mo"

Pocatello, Idaho Congressional

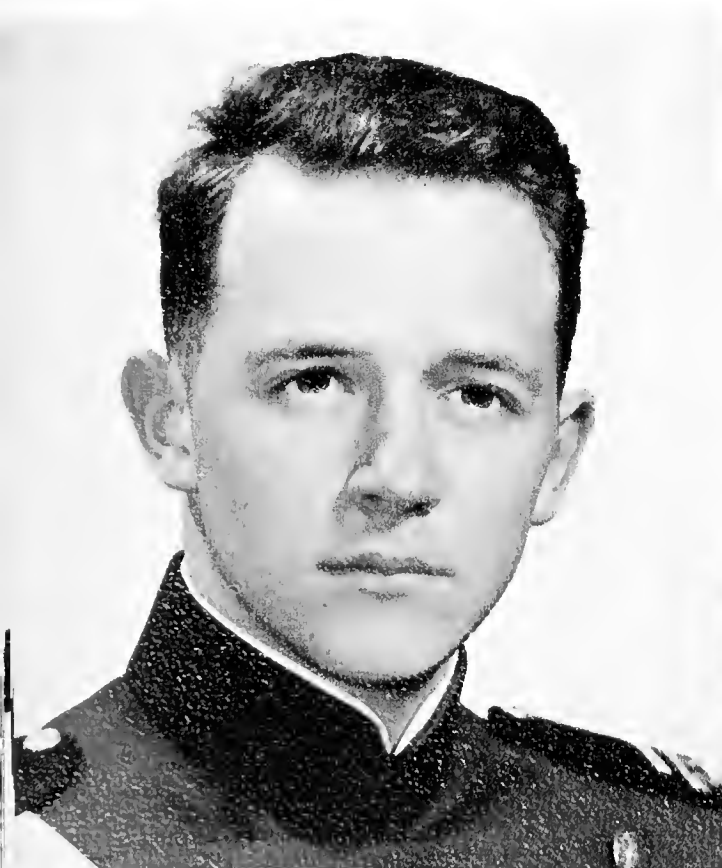
Aero Club 4,3,2,1  
Gun Club 3,2,1  
Gymnastics 4  
Ski Club 4,3,2,1  
Ski Team 4,3,2



JAMES EDWARD MORTON, JR.  
"Eddie"

Memphis, Tennessee Congressional

Hunting Club 4,3,2,1  
Track 4,3,2,1 (Manager)  
Ski Club 4,3,2,1



ROBERT JAMES NEWSON, JR.  
"Bob"

Shreveport, Louisiana Congressional

Class Committee 1  
Engineering Society 4,3,2,1  
Forum 4,3,2,1  
Hunting Club 2,1  
Photography Club 4  
Radio Club 4,3,2,1  
Ski Club 4,3,2,1



EDMOND JOSEPH NOGAR, JR.  
"Ed"

Oreland, Pennsylvania Congressional

Choir 4,3  
Chorale 4,3,2  
Track 3,2,1



ROBERT PAUL ODENWELLER  
"Bob"

Princeton, New Jersey Presidential

Choir 4,3  
Chorale 4,3,2,1 (Cadet-in-charge 1)  
Gun Club 4,3,2,1  
Planetarium Lecturer 2,1  
Photography Club 4,3,2,1  
Professional Studies Group 1  
Talon Staff 2,1 (Photography Editor 1)  
Wrestling 4,3,2  
Yearbook Staff 4,3





BRUCE MORTON MOSIER  
"Mose"

Erie, Pennsylvania Congressional

Choir 4,3,2,1  
Chorale 4,3,2,1  
Geography Club 4,3  
Lacrosse Club 3,2,1  
Ski Club 4,3,2,1  
Yearbook Staff 2



RICHARD JAMES MROSLA  
"Mros"

Bowlus, Minnesota Regular

Forum 3



SIDNEY HOWARD NEWCOMB  
"Sid"

San Jose, Costa Rica Congressional

Class Committee 4,3,2  
Soccer 4,3,2,1  
Ski Club 4,3,2,1



RICHARD DENNIS O'KEEFE  
"Denny"

Washington, District of Columbia Presidential

Choir 4,3  
Football 4  
Swimming 3,2,1



JAMES CLINTON O'ROURKE  
"Jim"

Miami Springs, Florida Congressional

Bowman's Club 2,1  
Fishing Club 4,3  
Hunting Club 3  
Gymnastics 4,3,2,1



WILLIAM RENO OUELLETTE  
"Frenchy"

Brunswick, Maine Congressional

Gun Club 1  
Hockey 2,1  
Ring Committee 2,1  
Ski Club 2,1  
Track 3





RONALD DURWARD PATCHETT

"Ron"

Strykersville, New York

Presidential

Chorale 4,3  
Hockey Club 2,1  
Skeet Club 3,2  
Ski Club 2,1



JOHN FRANKLIN PEEBLES

"Chum"

Lyons, Ohio

Congressional

Car Committee 2,1  
Gun Club 2,1  
Ski Club 4,3,2,1  
Yearbook Staff 4,2,1



JAMES EARL PEEL

"Jim"

Cincinnati, Ohio

Congressional

Aero Club 4,3,2  
Hunting Club 3,2,1  
Pistol 4  
Ski Club 4,3,2,1



HOYT LEROY PRINDLE, JR.

"Oogie"

Marietta, Georgia

Congressional

Class Committee 4  
Golf 4  
Soccer 4  
Swimming 4  
Yearbook Staff 4,3,2



GEORGE SAMUEL PUPICH

"Serb"

San Fernando, California

Congressional

Baseball 3  
Football 4,3,2,1  
Track 4,2,1



ROBERT GENE RAGER

"Rag"

Arcadia, California

Congressional

Car Committee 1  
Rally Committee 4,3,2  
Ski Club 3,2,1  
Tennis 4,3,2,1





WAYNE ALBERT PETERSON

"Pete"

Butte, Montana

Congressional

Basketball 4,3,2  
Fishing Club 4,3,2  
Ski Club 2,1



FRED HOWARD PORTER, III

"Howie"

Raleigh, North Carolina

Congressional

Choir 4,3  
Chorale 3,2  
Photography Club 4  
Professional Studies Group 1  
Ski Club 4,3



LEW PAXTON PRICE

"Lew"

Glendora, California

Congressional



NEAL TAYLOR REAVELY

"Bear"

Counna, Michigan

Congressional

Academy Assembly 1  
Football 4  
Geography Club 2  
Gun Club 2  
Lacrosse Club 4,3,2,1  
Sunday School Teacher 4,3,2,1 (Associate  
Superintendent 1)



DAVID JOHN REED

"D.J."

Newfield, New Hampshire

Senatorial

Aero Club 4,3,2,1  
Choir 4,3,2  
Radio Club 4,3



DOUGLAS ARLAND REKENTHALER

"Rek"

Sioux City, Iowa

Congressional

Cross Country 4,3,2,1  
Tennis 4,3  
Track 4



MARTIN EDWIN RICHERT

"Marty"

Sloatsburg, New York

Congressional

Choir 4  
Dance Committee 2  
Entertainment Committee 1  
Soccer 4.3.2



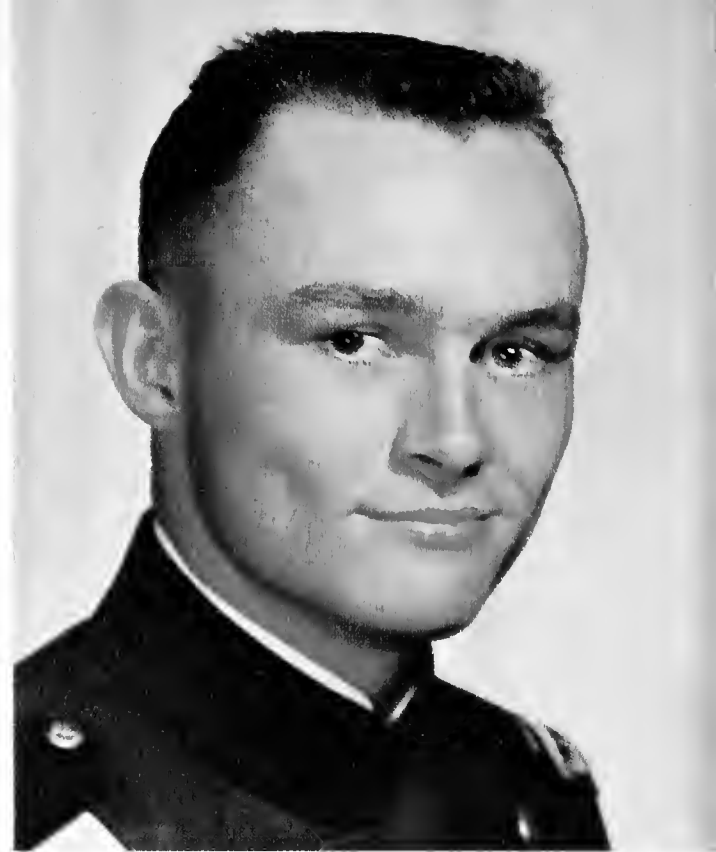
PHILIP FRANCIS ROBERTS

"Phil"

Sioux Falls, South Dakota

Congressional

Chorale 4  
Fencing 1  
Ski Club 4.3  
Track 4



PETER HOBSON ROE

"Pete"

Seattle, Washington

Congressional

Ski Club 4.3  
Ski Team 3.2.1



GORDON STANLEY SAVAGE, JR.

"Gordy"

Smyrna, Delaware

Senatorial

Judo Club 2.1 (Vice-president 2.1)  
Ski Club 4



RICHARD ROBERT SCHEHR

"Dick"

Reading, Ohio

Congressional

Choir 4.3  
Football 4  
Track 4.3.2.1



JOHN ALBERT SCHIRA, JR.

"Shiv"

Solon, Ohio

Congressional

Entertainment Committee 3  
Honor Representative 2.1  
Ski Club 1





RONALD DWIGHT SANDLHOZER

Chittenango, New York

Congressional



CHARLES DUDLEY SANDS, II

*"Charlie Brown"*

Hobbs, New Mexico

Congressional

Choir 4,3  
Gymnastics 4  
Gun Club 3  
Photography Club 1 (Acting Chairman)  
Rally Committee 1  
Ski Club 4,3,2,1  
Ski Control 1  
Track 2



ROBERT BYRON SAPP

*"Bob"*

Wooster, Ohio

Congressional

Baseball 4,3,2,1  
Football 4



THOMAS WALTER SCHLECHTE

*"Tom"*

Evansville, Indiana

Congressional

Aero Club 3,2,1  
Radio Club 4,3  
Ring Committee 1  
Soaring Club 3,2,1 (President 2)



JOCK CHARLES HENRY SCHWANK

*"Jock"*

Cedar Rapids, Iowa

Congressional

Bridge Club 1  
Dance Committee 1  
Lacrosse Club 2,1  
Usher 4,3,2  
Wrestling 4



THOMAS FREDERICK SEEBODE

*"Vebs"*

Memphis, Tennessee

Congressional

Dance Committee 4,2,1  
Rifle Team 4



RICHARD RAYMOND SEXTON

"Squire"

Redlands, California

Congressional

Judo Club 3

Photography Club 3



GARY DEAN SHEETS

"Gary"

Phillipsburg, Kansas

Congressional

Bowman's Club 4,3,2,1 (President 1)

Choir 4,3,2

Class Committee 4,3,2,1

Gymnastics 3

Hunting Club 4,3,2,1 (Operations Officer 1)

Football 4

Rifle 1

Track 4,3



RICHARD BAYLEY SHEPARD

"Shep"

Waynesville, North Carolina

Congressional

Bowman's Club 2,1

Class Committee 1

Dance Committee 4,3

Choir 4,3,2

Football 4

Gymnastics 4,3,2

Gun Club 2,1

Mountaineering Club 3,2,1

Ski Club 2,1

Track 4



DONALD EDWARD SINGER

"Don"

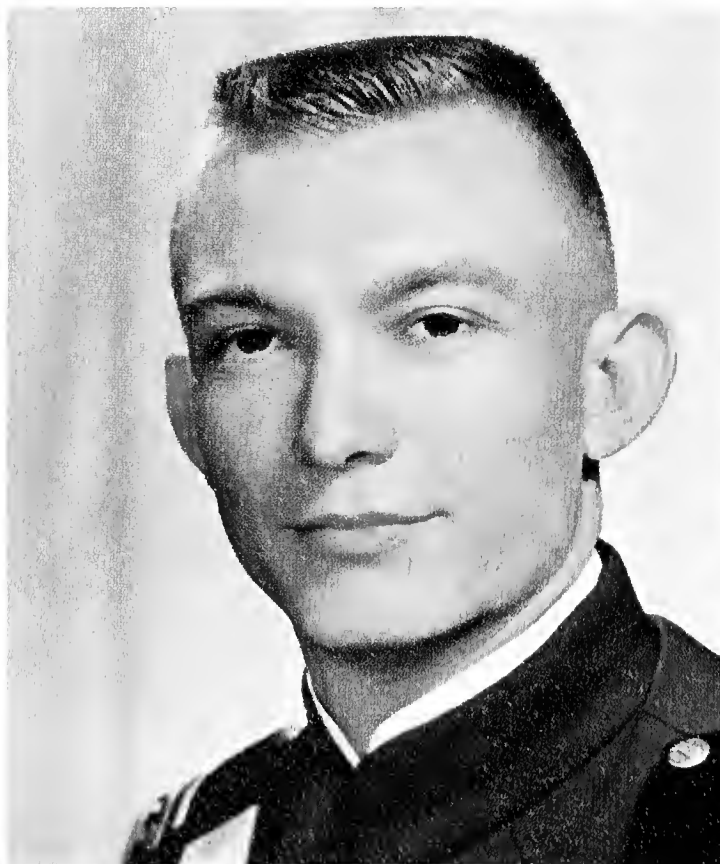
Havertown, Pennsylvania

Congressional

Dance Committee 3

Honor Representative 1

Soccer 4,3,2,1



JOHN THOMAS SMITH

"J.T."

North Hollywood, California

Congressional

Aero Club 4,3,2,1

Gun Club 1

Photography Club 3,2

Rifle 4,3,2,1

Soaring Club 3,2,1

Track 4



PATRICK JOHN SMITH

"Peej"

Bel Air, Maryland

Senatorial

Bowman's Club 4,3

Dodo Staff 4

Hunting Club 4

Ski Club 4,3,2,1





ISHAM CRESTON SHIELDS, JR.  
"Cres"

Columbia, South Carolina

Reserve

Aero Club 3  
Choir 4,3  
Fishing Club 3,2  
Geography Club 4,3,2  
Ski Club 4,3,2,1  
Soaring Club 3

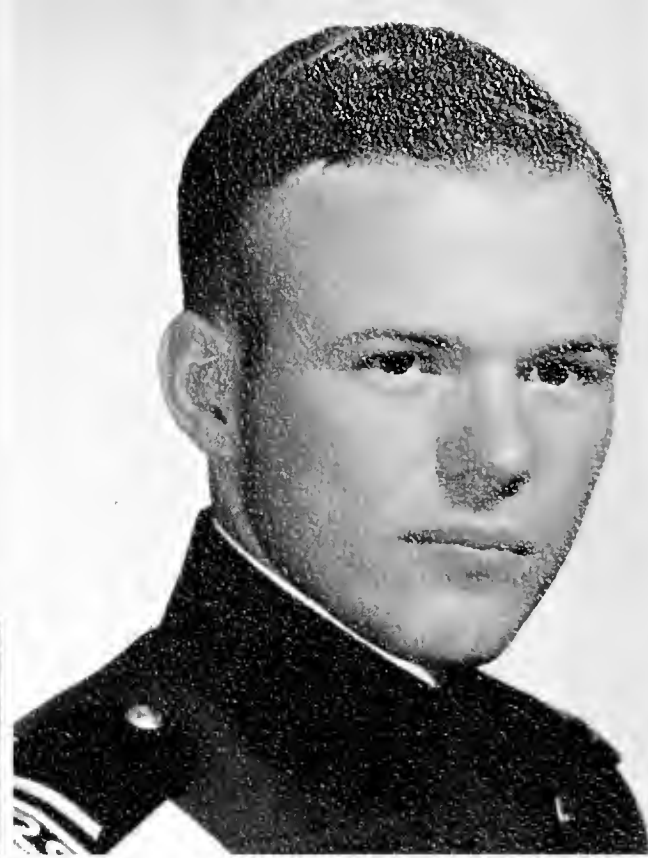


LLOYD ELLIS SHIER  
"Jim"

Grants Pass, Oregon

Congressional

Chorale 3,2,1  
Choir 4,3,2,1  
Geography Club 4,3  
Ski Club 4,3,2,1



WILLIAM DAVID SIEBECKER  
"Bill"

Wausau, Wisconsin

Senatorial

Academy Assembly 2  
Fencing 4,3  
Ski Club 4,3,2,1  
Track 4



GERALD THOMAS STACK, JR.  
"Jerry"

Iowa City, Iowa

Congressional

Bridge Club 3,2,1 (Vice-president 1)  
Forensic Society 2,1  
Forum 4,3,2,1  
Tennis 4,3,2,1 (Captain 1)



DONALD DUANE STEVENS  
"Chik"

Clayton, Illinois

Senatorial

Bridge Club 2,1  
Choir 4,3  
Honor Representative 3,2,1  
Forensic Society 4,3,2  
Photography Club 3,2  
Ski Club 4,3,2,1



THEODORE JOSEPH STUMM  
"Ted"

Batavia, Illinois

Congressional

Aero Club 4,3,2  
Gun Club 3  
Model Engineering Society 3,2



PAUL MATTHEW SULLIVAN

Los Angeles, California

Congressional

Chess Club 4,3,2,1  
Choir 4,3,2  
Chorale 4,3,2  
Engineering Society 4,3,2,1  
Geography Club 4,3  
Gymnastics 4,3,2,1



WALTER CAMPBELL SWEENEY III  
"Walt"

Westover AFB

Presidential

Entertainment Committee 1  
Hockey Club 2  
Ski Club 4,3,2,1



DAVID LEE SWEIGART  
"Dave"

Bernville, Pennsylvania

Congressional

Bowling Club 2,1  
Choir 4,3,2  
Pep Band 4,3  
Soccer 3,2,1



CHARLES HILARY THOMPSON, JR.  
"Charlie"

Montvale, New Jersey

Congressional

Choir 4,3  
Glee Club 4,3  
Gun Club 4,3  
Ski Club 4,3,2,1



DALE WILLARD THOMPSON, JR.  
"Dale"

Lawton, Oklahoma

Congressional

Entertainment Committee 4  
Gun Club 4,3,2,1 (Materiel Officer 1)  
Mountaineering Club 3,2  
Soccer Team 4,3,2,1 (Captain 1)  
Talon Staff 2,1



AARON DEAN THRUSH  
"T"

Saint Johns, Ohio

Congressional

Academy Assembly 2,1  
Fishing Club 2,1  
Forum 4,3,2,1  
Ski Club 4,3,1  
Talon Staff 4,3,2,1 (Business Manager 2,1)





WILLIAM WALLACE TAYLOR  
"Bill"

Corpus Christi, Texas Congressional

Basketball 4  
Bridge Club 3,2,1 (President 1)  
Dodo Staff 2,1 (Managing Editor 1)  
Football 4,3  
Engineering Society 1  
Talon Staff 3,2,1  
Track 4,3



VICTOR RALPH THOMAS  
"Vic"

North Loup, Nebraska Senatorial

Chorale 4,3  
Fencing 4,3,2  
Geography Club 4  
Hunting Club 2,1  
Ski Club 4,3,2,1



JAMES HOWARD THOMASSON  
"Jim"

Charlotte, North Carolina Congressional

Choir 4,3  
Class Committee 3,2,1



DONALD LEE THURMAN  
"Don"

Shelby, Ohio Senatorial

Catholic Religious Council 1  
Honor Committee 2,1  
Hunting Club 1  
Ring Committee 2,1  
Ski Club 4,2,1



JOHNNIE FLOYD TOWNSEND  
"Gimp"

Salome, Arizona Congressional

Wrestling 4  
Pistol Team 3,2,1



CHARLES WARREN UPTON

Williamsburg, Kentucky Congressional

Ski Club 2,1  
Tennis 2,1

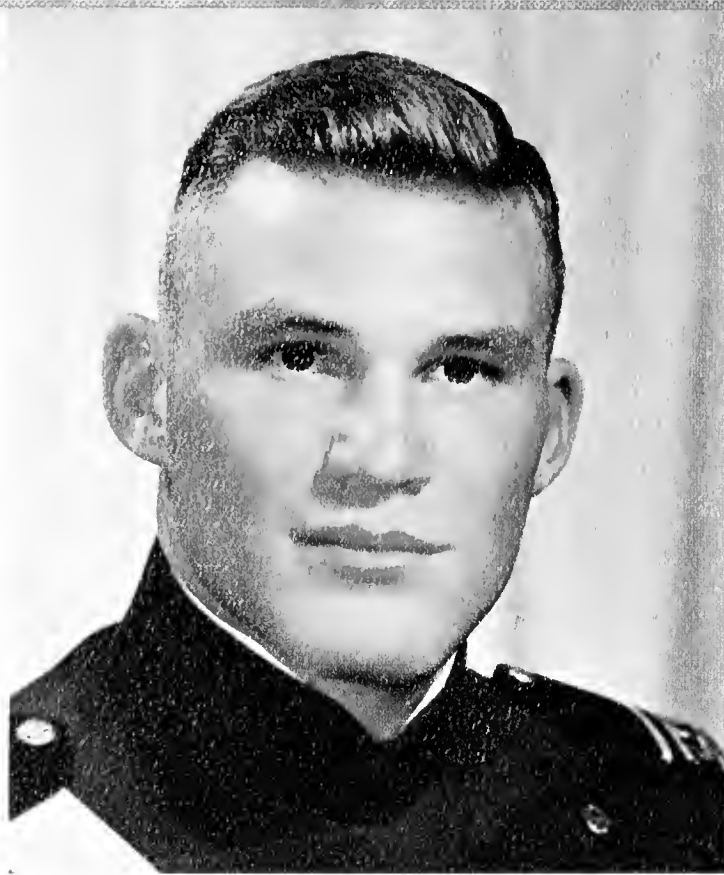


PAUL JOSEPH VALLERIE  
"Val"

Norwald, Connecticut

Senatorial

Geography Club 4,3  
Gun Club 4,3  
Pistol 4  
Soccer 4



EARL SUMMER VAN INWEGEN  
"Van"

Lansing, Illinois

Congressional

Choir 4  
Class Committee 4,3,2,1  
Football 4,3,2,1 (Manager 3)  
Photography Club 4,3  
Ski Club 4,3,2,1  
Track 4  
Wrestling 4

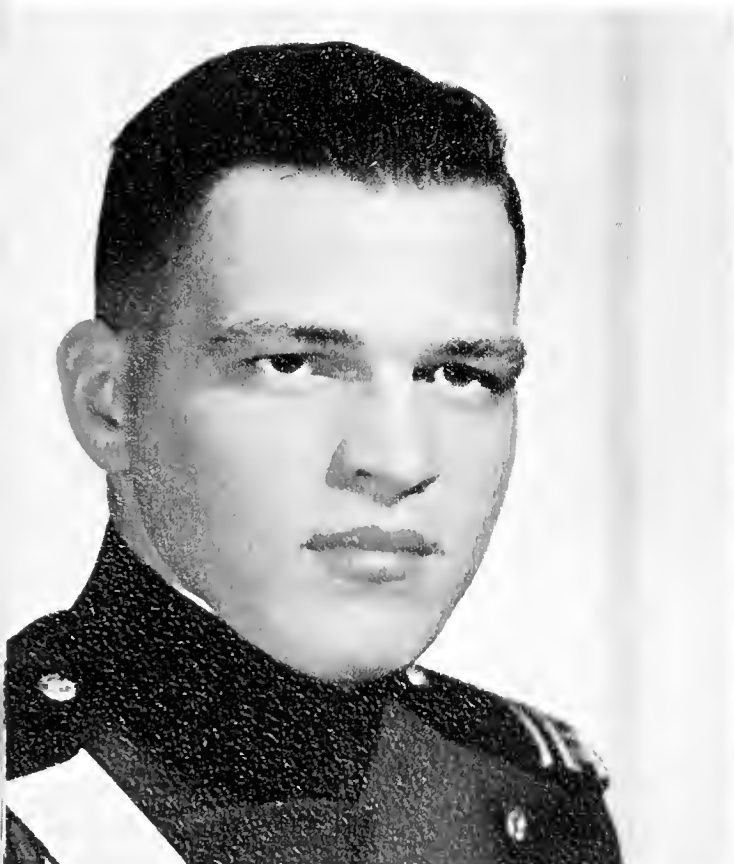


GARY LYNN VAN SINGEL  
"Van"

Grant, Michigan

Congressional

Fishing Club 3,2,1  
Hunting Club 4,3,2,1  
Photography Club 2,1  
Skeet Club 4,3,2,1  
Ski Club 4,3,2,1



FREDERICK THOMAS WALKER  
"Rick"

Brooklyn, New York

Congressional

Fishing Club 3  
Forensic Society 4,3,2,1  
Gun Club 1  
Model Engineering Society 3



DENIS LEO WALSH  
"Leo"

Springfield, Missouri

Congressional

Class Committee 4,3  
Honor Representative 2,1  
Rifle 4,3,2,1



CHRISTIAN ADAM WARACK  
"Chris"

Owendale, Michigan

Congressional

Football 4,3,2,1  
Honor Representative 2,1





DEAN FRANKLIN VIKAN  
"Vik"

Fosston, Minnesota Congressional

Archery Club 2,1  
Choir 4,3,2  
Photography Club 2  
Swimming 4,3



JAMES EDWARD WADDLE  
"Duck"

Downey, California Congressional

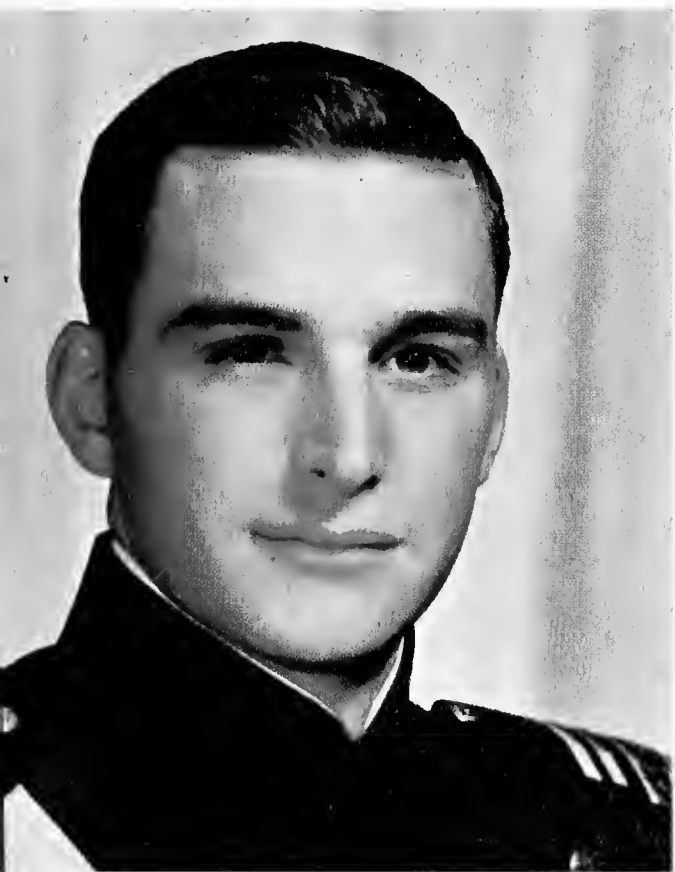
Engineering Society 2  
Football 4  
Lacrosse Club 3,2,1  
Model Engineering Society 3  
Ski Club 4,3,2,1  
Yearbook Staff 3,2,1



CLARK MILS WALKER  
"Clark"

Plainfield, Wisconsin Congressional

Choir 4  
Football 4 (Manager)  
Baseball 4,2,1



DONALD FRANK WARE  
"Don"

Lewiston, Idaho Congressional

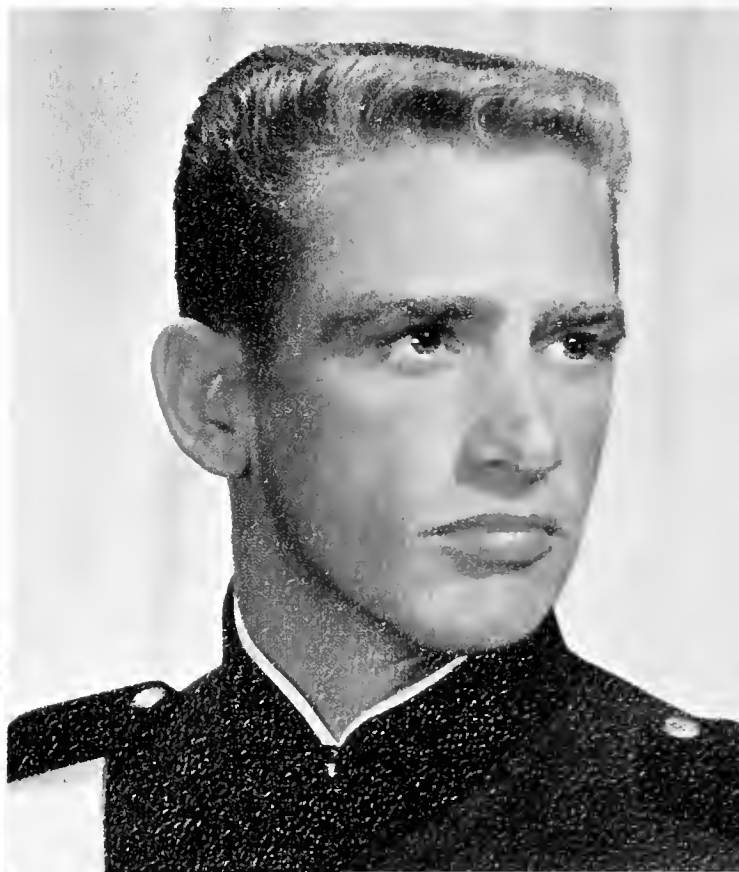
Entertainment Committee 4  
Pistol 1  
Ski Club 4,3  
Radio 3



CHARLES RUSSELL WATERMAN, JR.  
"Russ"

Brentwood, New Hampshire Congressional

Football 4,3,2,1  
Judo Club 4,3,2,1 (President 1; Secretary 2)  
Skeet Club 4  
Ski Club 4,3,2,1



SAMUEL EDWIN WATERS, JR.  
"Sam"

Mocksville, North Carolina Congressional

Dance Committee 1



GRANT REED WAUGH  
"Reed"

Presidential

Bridge Club 3,2,1  
Entertainment Committee 4,3,2  
Golf Team 4,3,2,1 (Captain 1)  
Ski Club 4,3



ROBERT PAUL WEINAUG  
"Bob"

Arlington, Virginia

Senatorial

Academy Assembly 2,1  
Choir 4,3  
Forum 1  
Ski Club 4,3,2,1  
Yearbook Staff 2,1 (Section Head 1)



KENNETH PHILIP WERRELL  
"Panda"

Irvington, New Jersey

Congressional

Gun Club 2,1  
Pistol Team 4,3,2,1  
Professional Studies Group 1  
Ski Team 4,3,2



DAVID LEWIS WIEST  
"Slats"

Lynchburg, Virginia

Congressional

Dodo 2,1  
Forum 2,1  
Gymnastics 4,3,2,1  
Professional Studies Group 2,1 (Chairman 1)  
Track 4

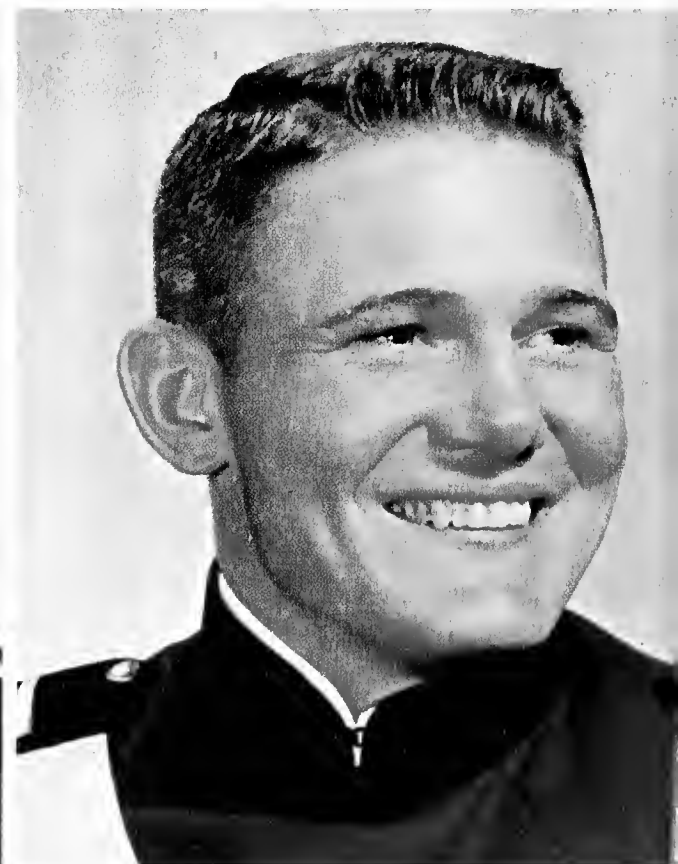


DONALD LEE WOLFSWINKEL  
"Don"

Hull, Iowa

Congressional

Basketball 4,3,2,1 (Captain 1)



RONALD WILBURN YATES  
"Ron"

Nashville, Tennessee

Congressional

Fishing Club 3  
Football 4  
Ski Club 3,2,1





ERNEST DERIEUX WHALEY, JR.

"Ernie"

Union, South Carolina

Congressional

Choir 4,3  
Dance Representative 1



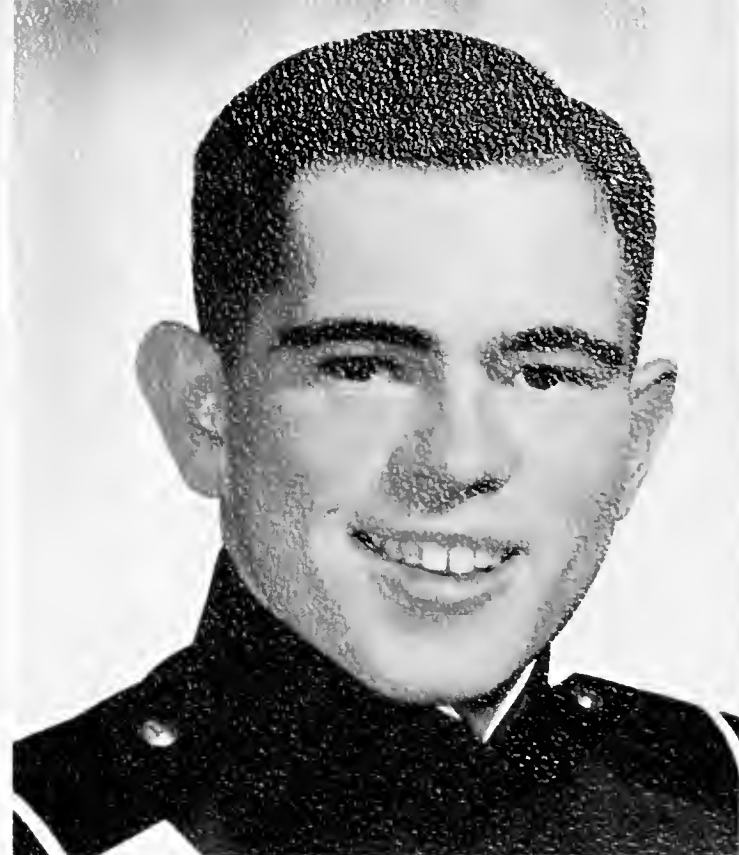
HOWARD McLEAN WHITFIELD

"Howie"

Brookfield Center, Connecticut

Senatorial

Mountaineering Club 3,2,1 (President 1)  
Lacrosse Club 4,3,2,1 (President 1)  
Ski Club 4,3,2,1  
Ski Team 2



EDWIN LEWIS WHITMAN

"Ned"

Weedsport, New York

Congressional

Forum 3,1  
Geography Club 4,3  
Professional Studies Group 1  
Ski Club 3,2,1  
Yearbook Staff 4,3



VICTOR EMMETT YOAKUM

"Vic"

Olympia, Washington

Senatorial

Class Committee 4,3,1  
Fishing Club 3,2  
Football 4  
Hunting Club 4,3,2,1  
Skeet Club 4,3,2,1  
Ski Club 3,2,1



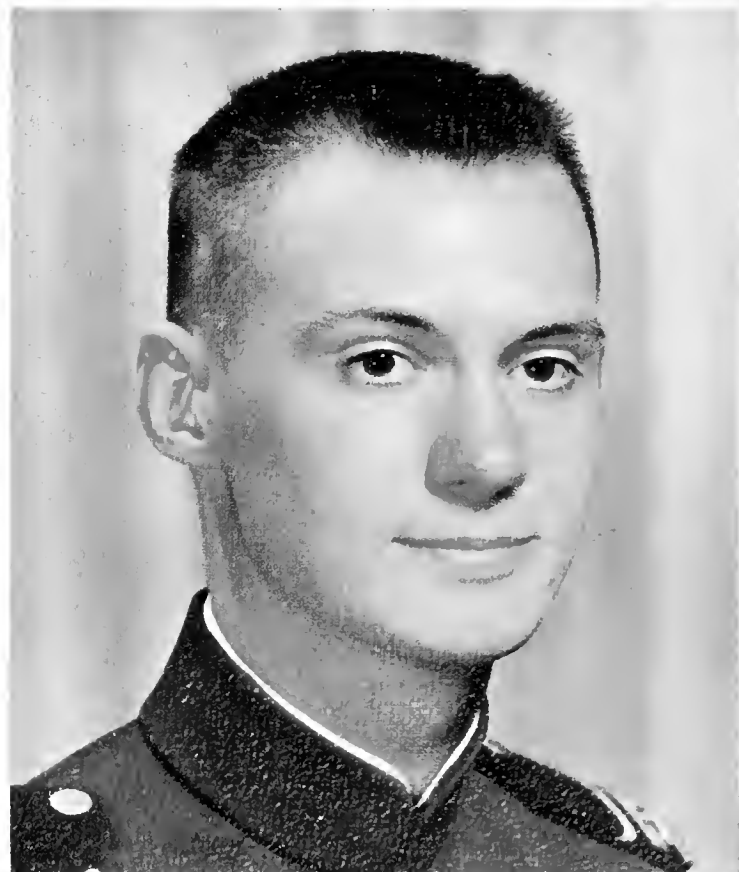
WILLIAM FREDERICK HUGO ZERSEN

"Zers"

Chicago, Illinois

Senatorial

Baseball 4  
Basketball 4,3  
Dance Committee 3,2,1  
Football 4  
Protestant Religious Council 2,1



ALEX DREWE ZIMMERMAN

"Zim"

San Diego, California

Congressional

Rifle 4,3,2,1

# Academic

The Lieutenant Generals Millard F. and Hubert R. Harman Award to the Outstanding Cadet in General Order of Merit

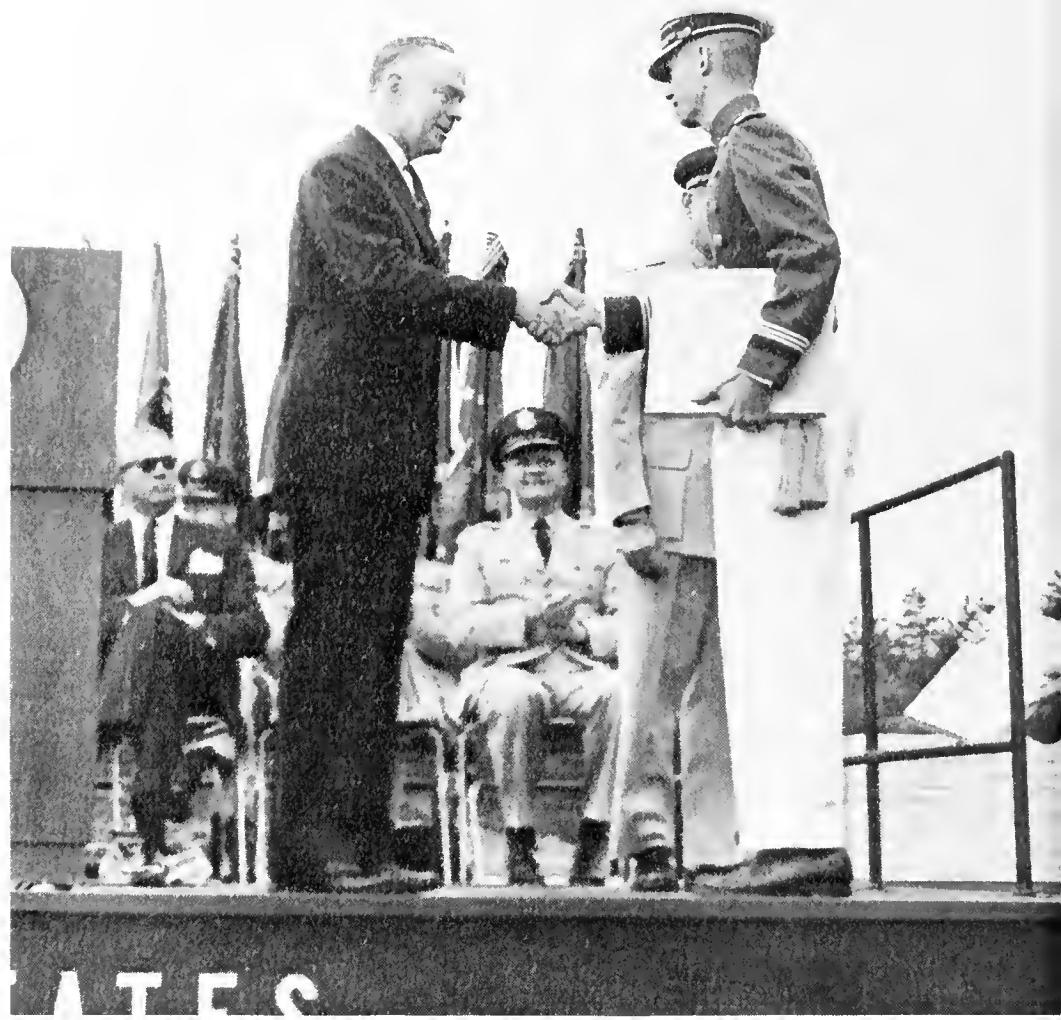
The Lieutenant General Claire L. Chennault Award to the Outstanding Cadet in Basic Sciences

The Dr. John von Neumann Award to the Outstanding Cadet in Astronautics

The Captain Edward E. Barrow Award to the Outstanding Cadet in Chemistry

The Brigadier General Paul T. Cullen Award to the Outstanding Cadet in Navigation

The Colonel Homer Kellems Award to the Outstanding Cadet in Thermodynamics



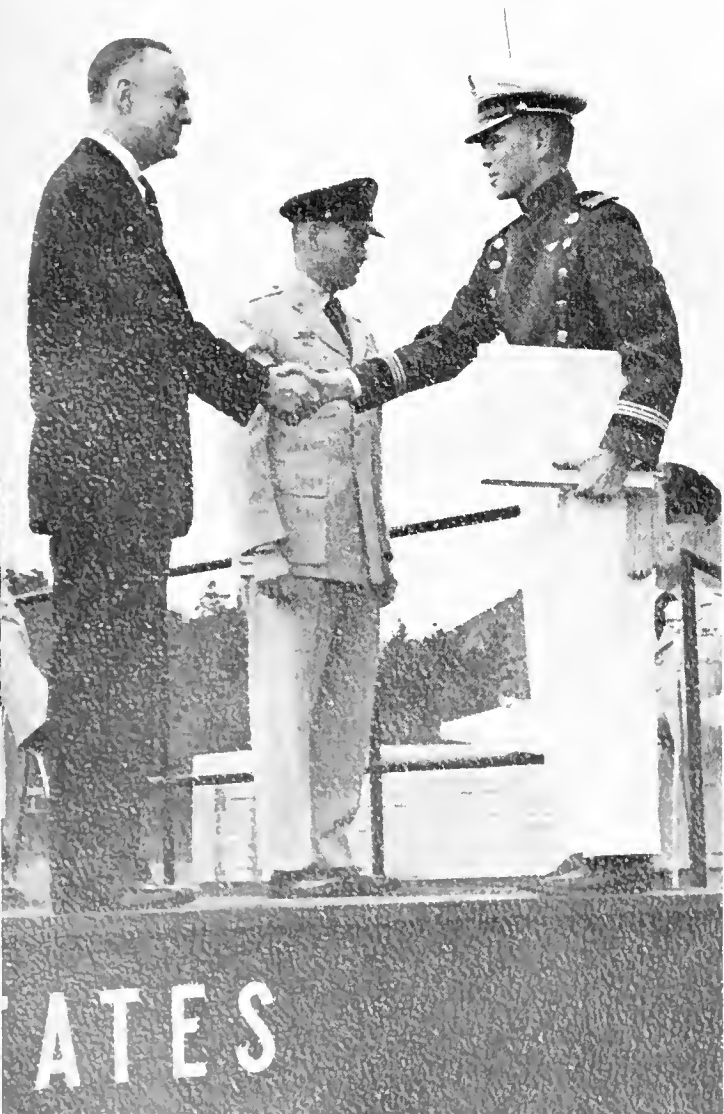
Alex D. Zimmerman

98

Edwin L. Whitman

Martin E. Richert

Phillip A. Cooke



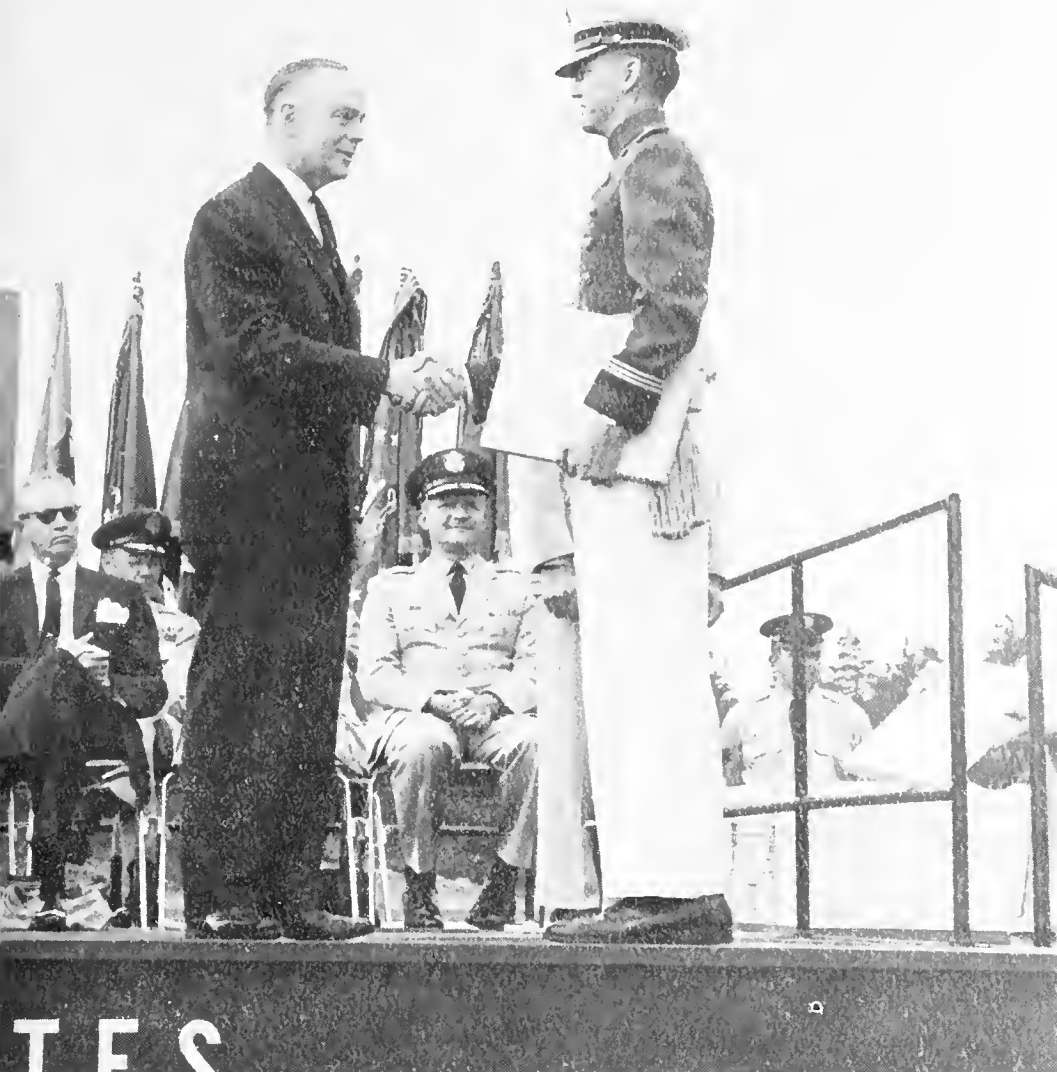
The Dr. John Oliver LaGorce Award to the Outstanding Cadet in Geography

The Major G. Raoul Lufbery Award to the Outstanding Cadet in Foreign Languages

The Lieutenant General Barton K. Yount Award to the Outstanding Cadet in Humanities



# Awards



David B. Luce

The General Muir S. Fairchild Award to the Outstanding Cadet in Academic Achievement

The General Hoyt S. Vandenberg Award to the Outstanding Cadet in Airmanship Subjects

The Wright Brothers Award to the Outstanding Cadet in Applied Sciences

The Brigadier General William Mitchell Award to the Outstanding Cadet in Military Studies

The Lieutenant Colonel Thomas Hitchcock Award to the Outstanding Cadet in Economics

The Major General Herbert A. Dargue Award to the Outstanding Cadet in Electrical Engineering

The Colonel Carl F. Greene Award to the Outstanding Cadet in Mathematics

Russell R. MacDonald, Jr.

Wilfred L. Goodson

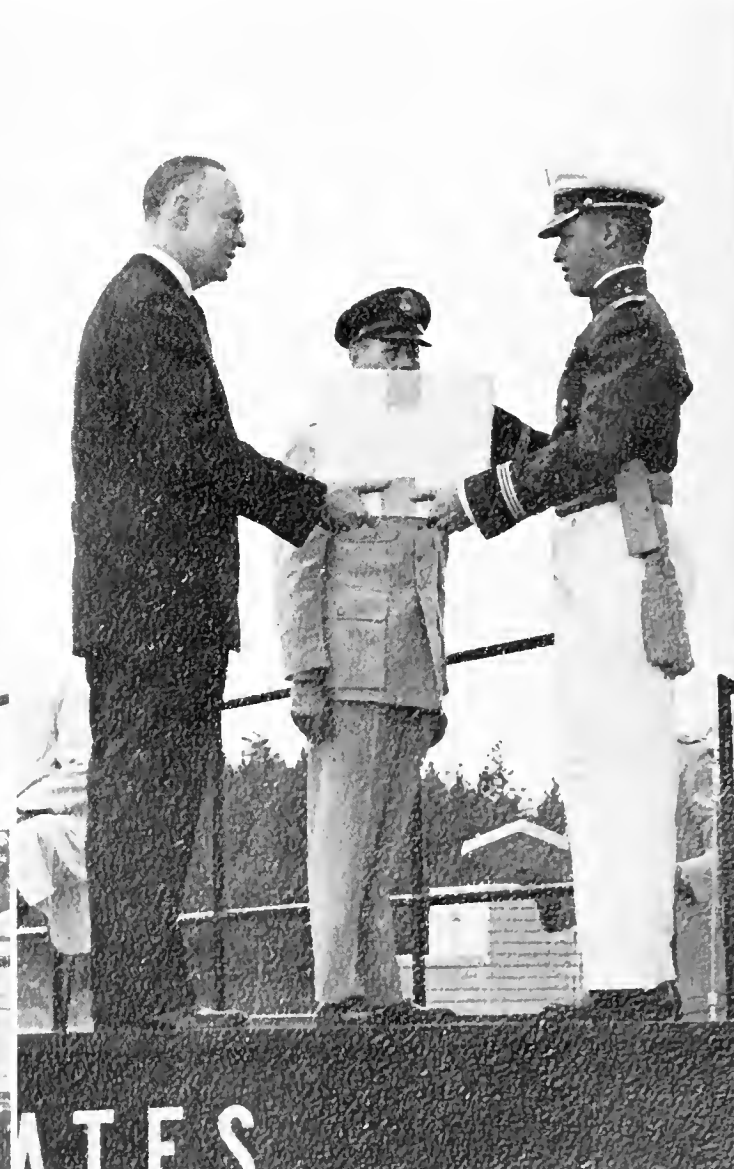
James F. Glaza



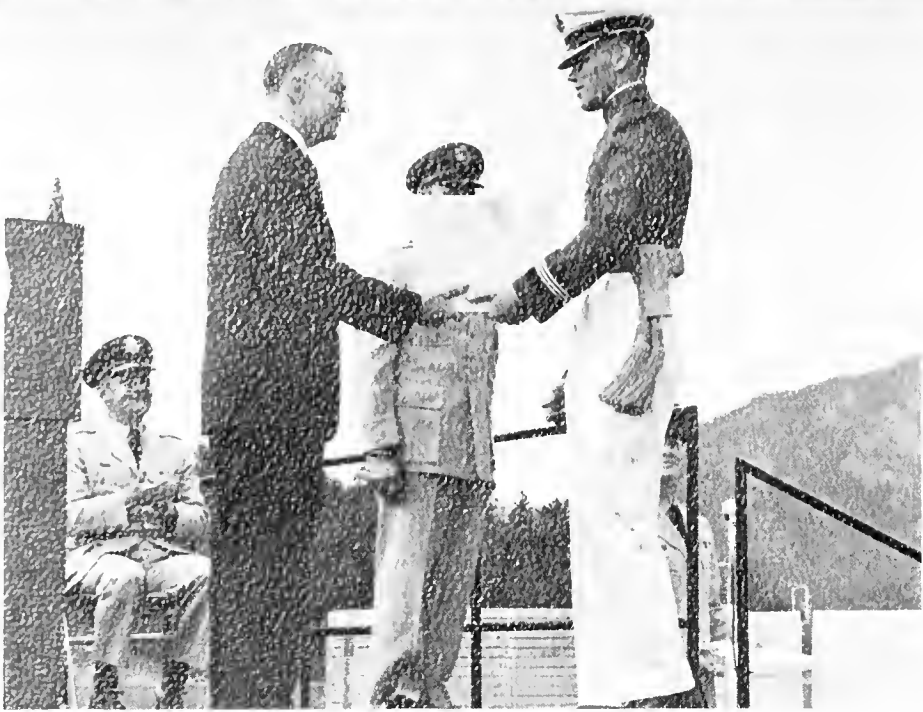
The Amelia Earhart Award to the Outstanding Cadet in Social Sciences



The Professor Samuel Pierpont Langley Award to the Outstanding Cadet in Aerodynamics

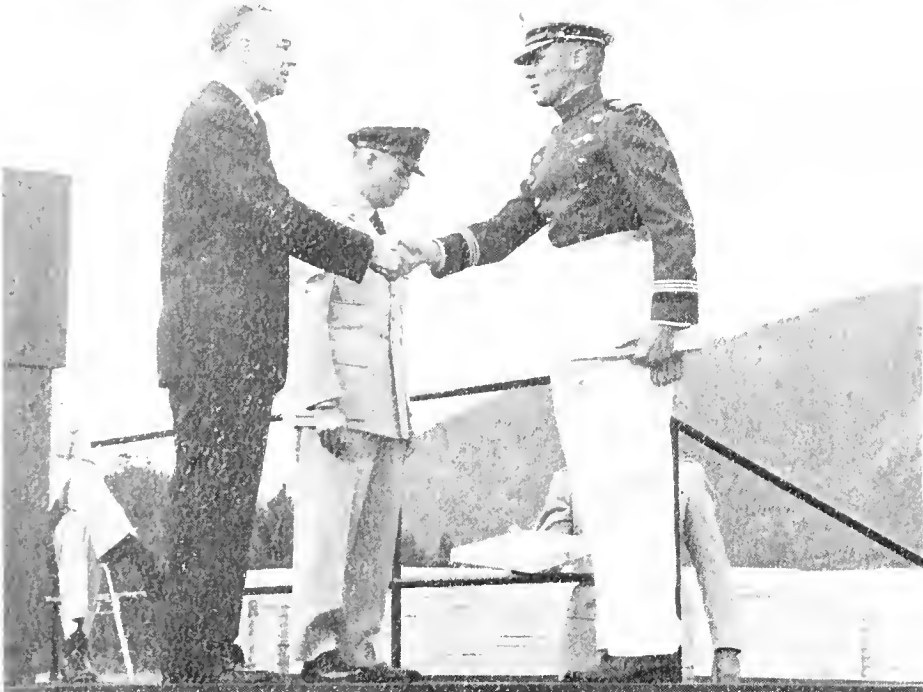


The Lieutenant Charles Nordhoff and Captain James Hall Award to the Outstanding Cadet in English



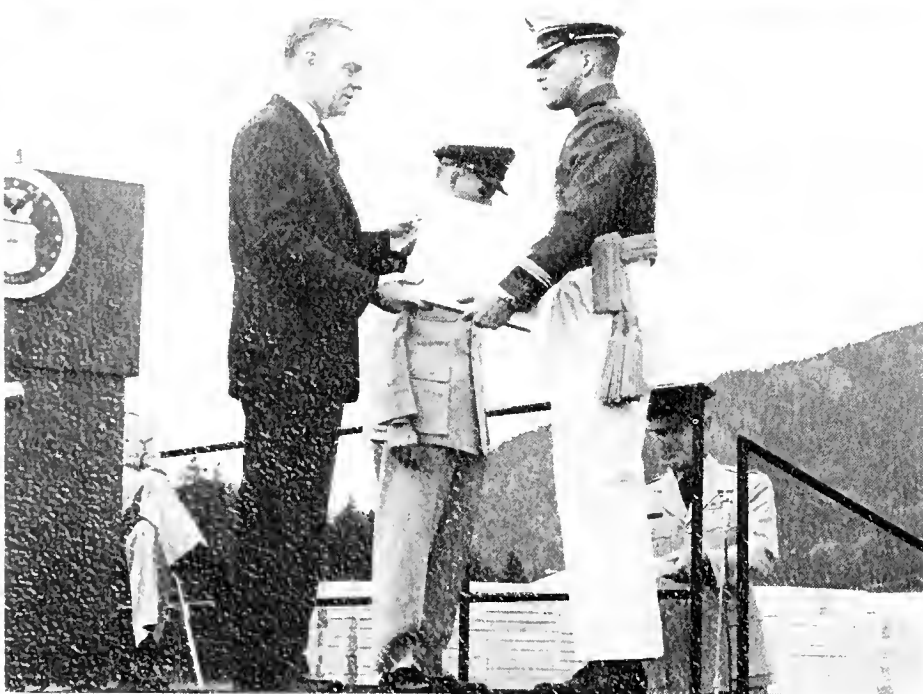
The General of the Air Force Henry H. Arnold Sward to the Cadet Wing Commander,

Anthony J. Burshnick



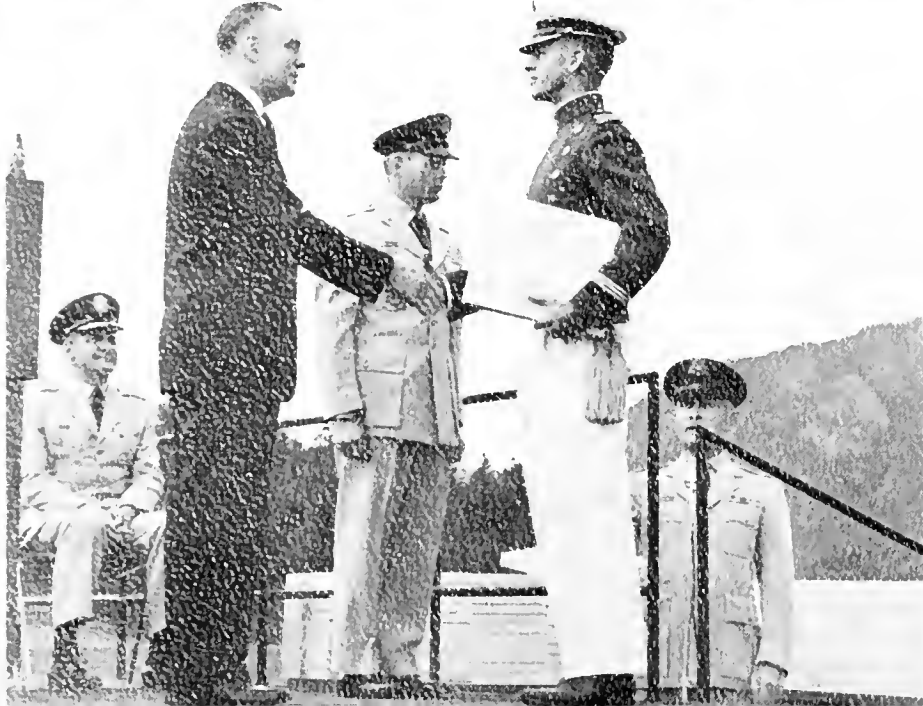
The Major General Oscar Westover Award for Outstanding Cadet Effectiveness

Jerry L. Caskey



The Major General James E. Fechet Award to the Outstanding Cadet in Inter-collegiate Speech Competition,

Frederick T. Walker



The Brigadier General A. Robert Ginsburgh Award to the Editor of the Polaris,

Normon C. Alexander



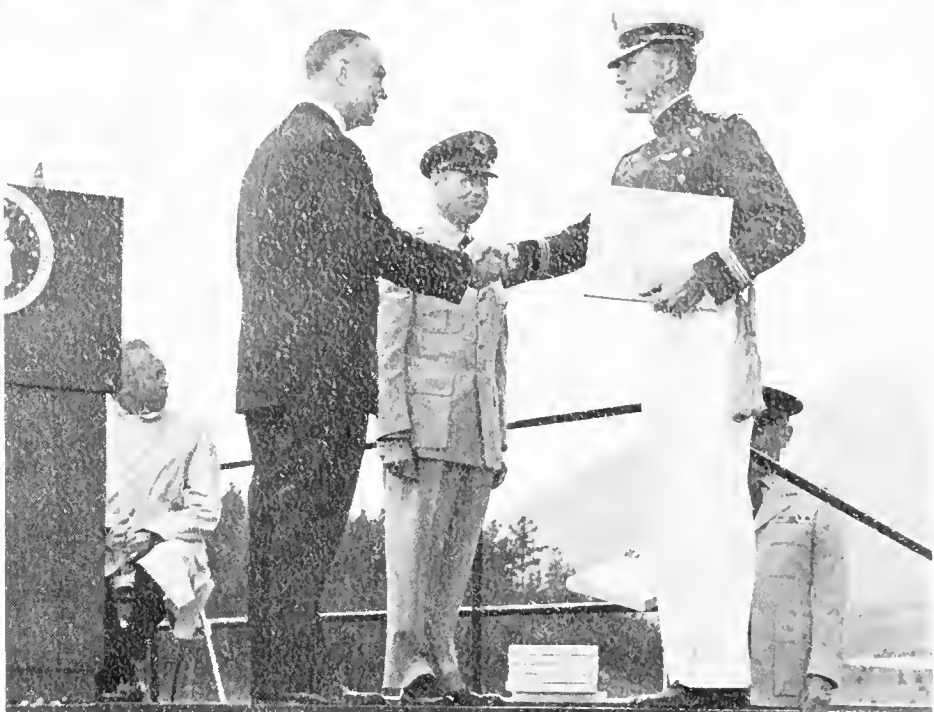
The Air Force Academy Athletic Association Award to the Graduating Cadet who has contributed most to the intercollegiate athletic program,

Donald L. Wolfswinkel



The N. Joy Boots Award to the Outstanding Athlete,

John D. Kuenzel



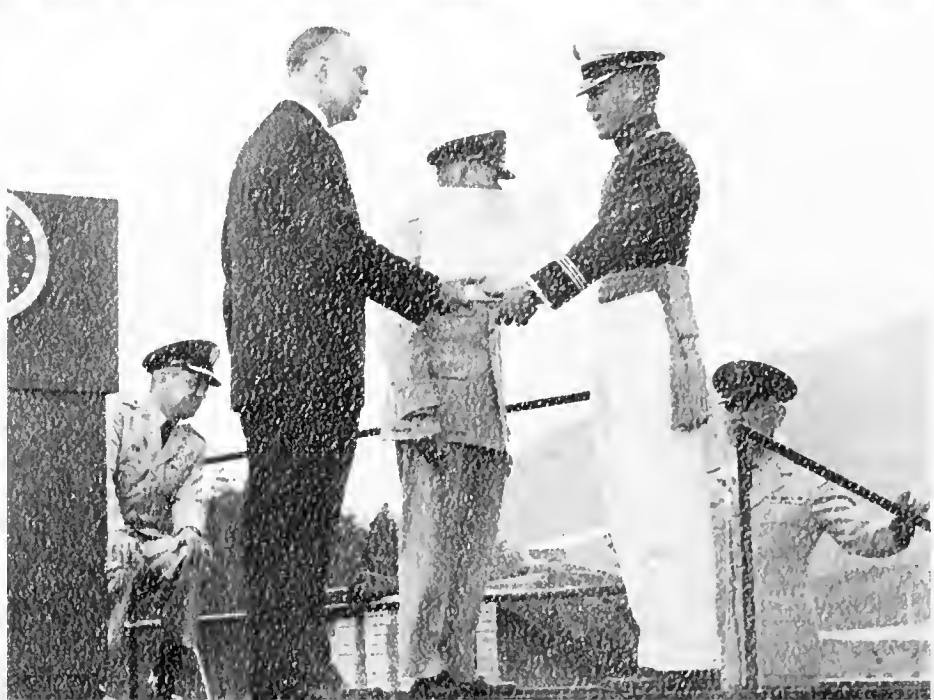
The Tate Brothers Award for Outstanding Leadership exemplified by character and conduct on the playing field,

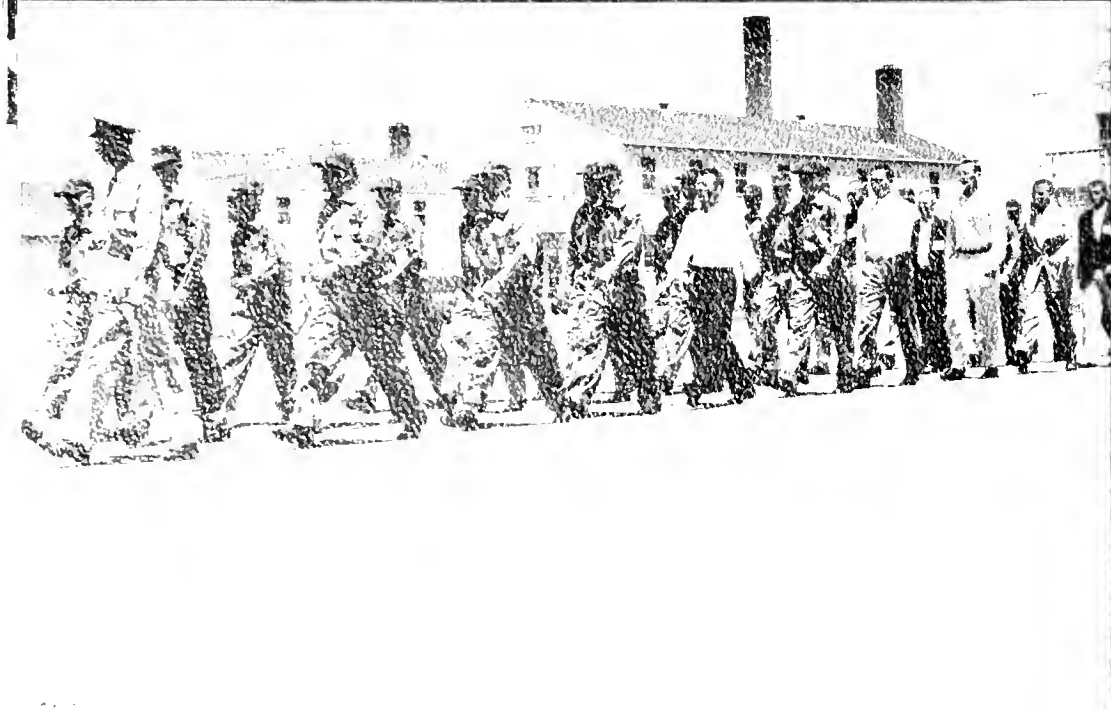
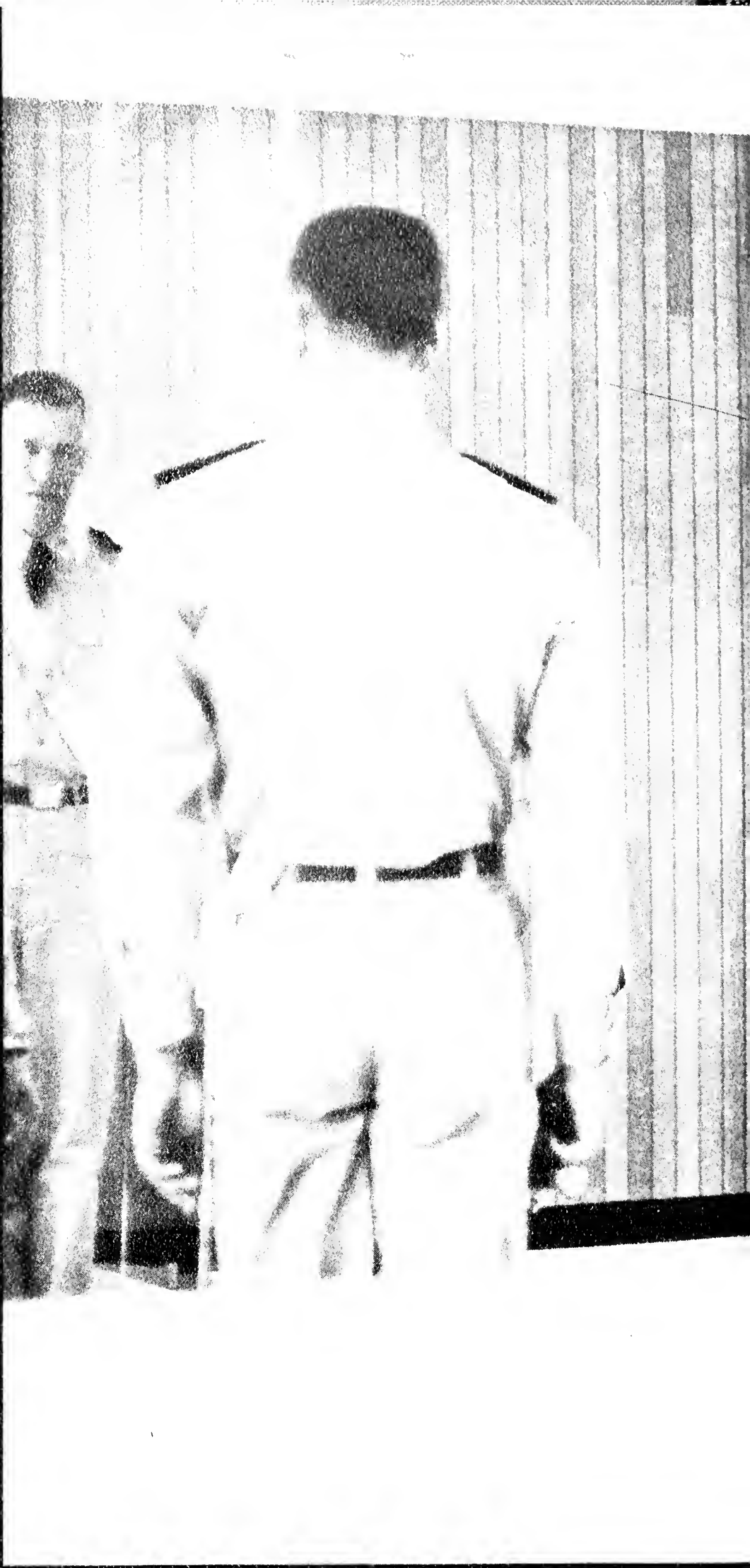
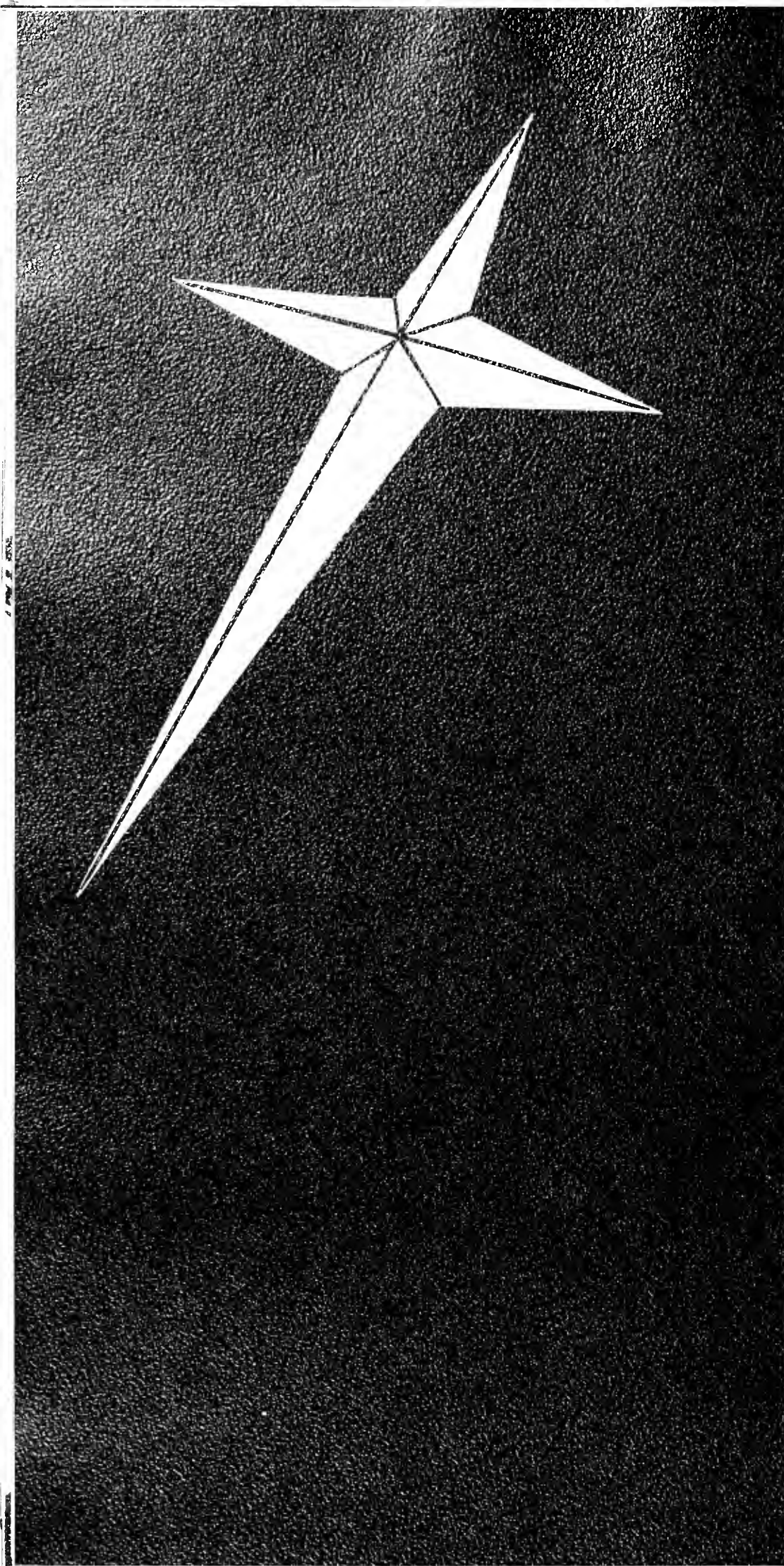
Derry A. Adamsan



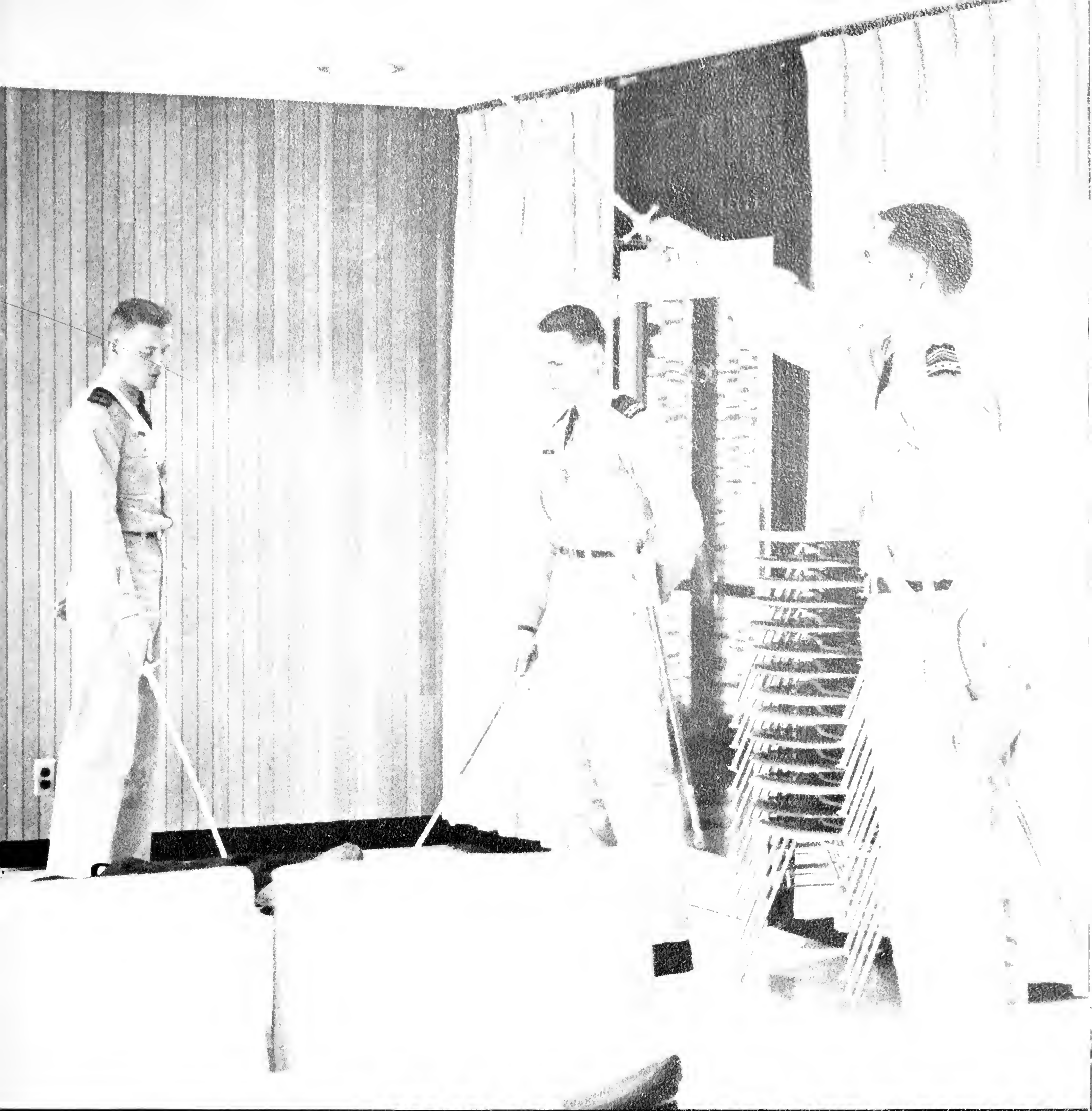
The Captain Deon G. Crowell Award to the Outstanding Cadet in Physical Education,

Richard B. Shepard

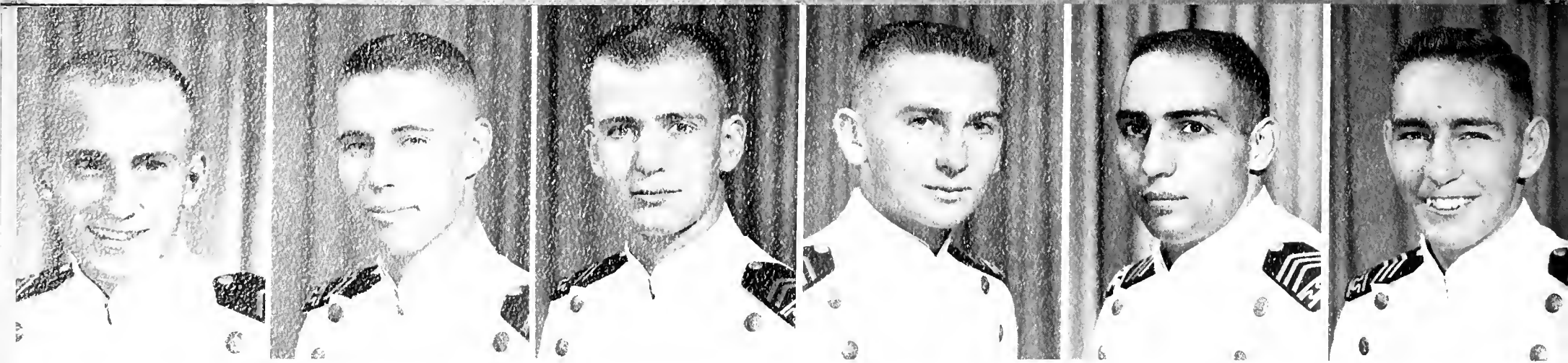








**Class of 1961**



Abbott, S. C.

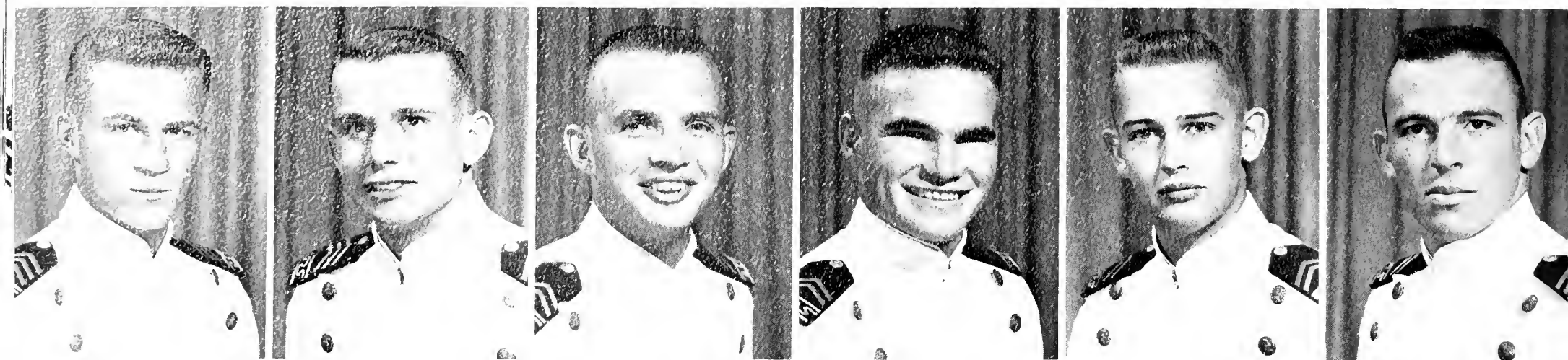
Ahmann, J. N.

Aman, E. D.

Anderson, M. A.

Apodaco, V. J.

Arnold, R. W.



Bodenhamer, H. L.

Boedeker, R. F.

Bouquet, V. H. Jr.

Box, D. W.

Boyd, S. R.

Bradstreet, F. E.

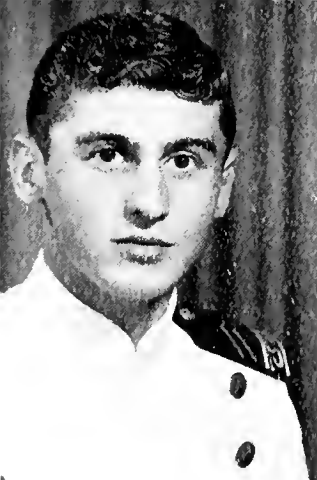
This was the place . . .



And this was us.







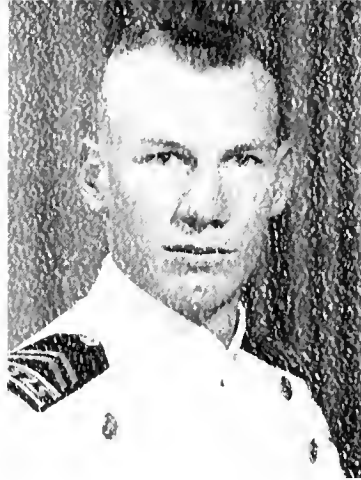
Aylsworth, W. E.



Bainter, H. T.



Barrazone, S. W.



Bates, W. D. Jr.



Best, R. W. Jr.



Blaisdell, A. C.



Brickey, R. E.



Bright, J. W. L.



Brophy, T. F.



Broughton, C. E.

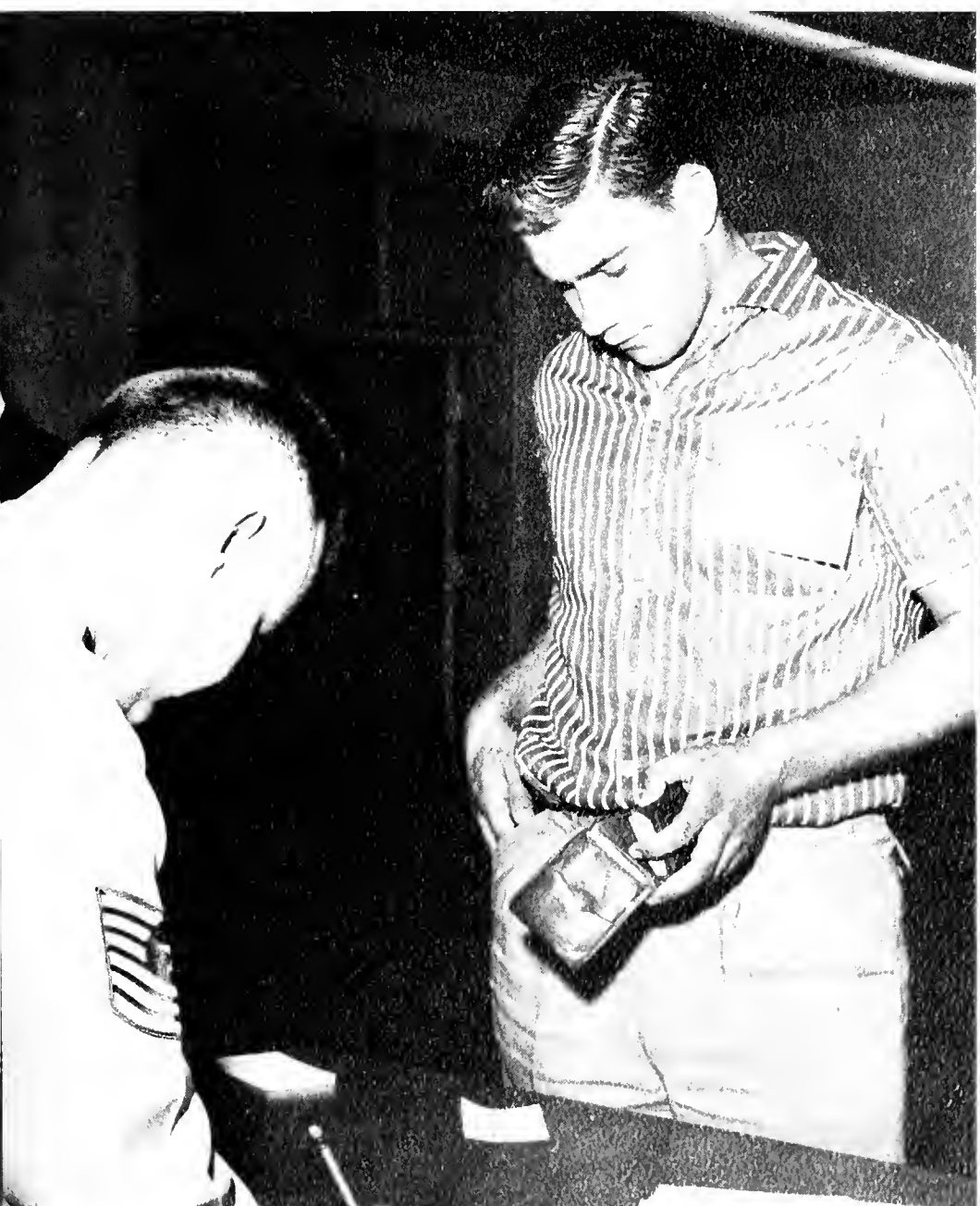


Brusky, J. W. Jr.



Buchner, G. E.

You mean you're gonna take my switchblade taal



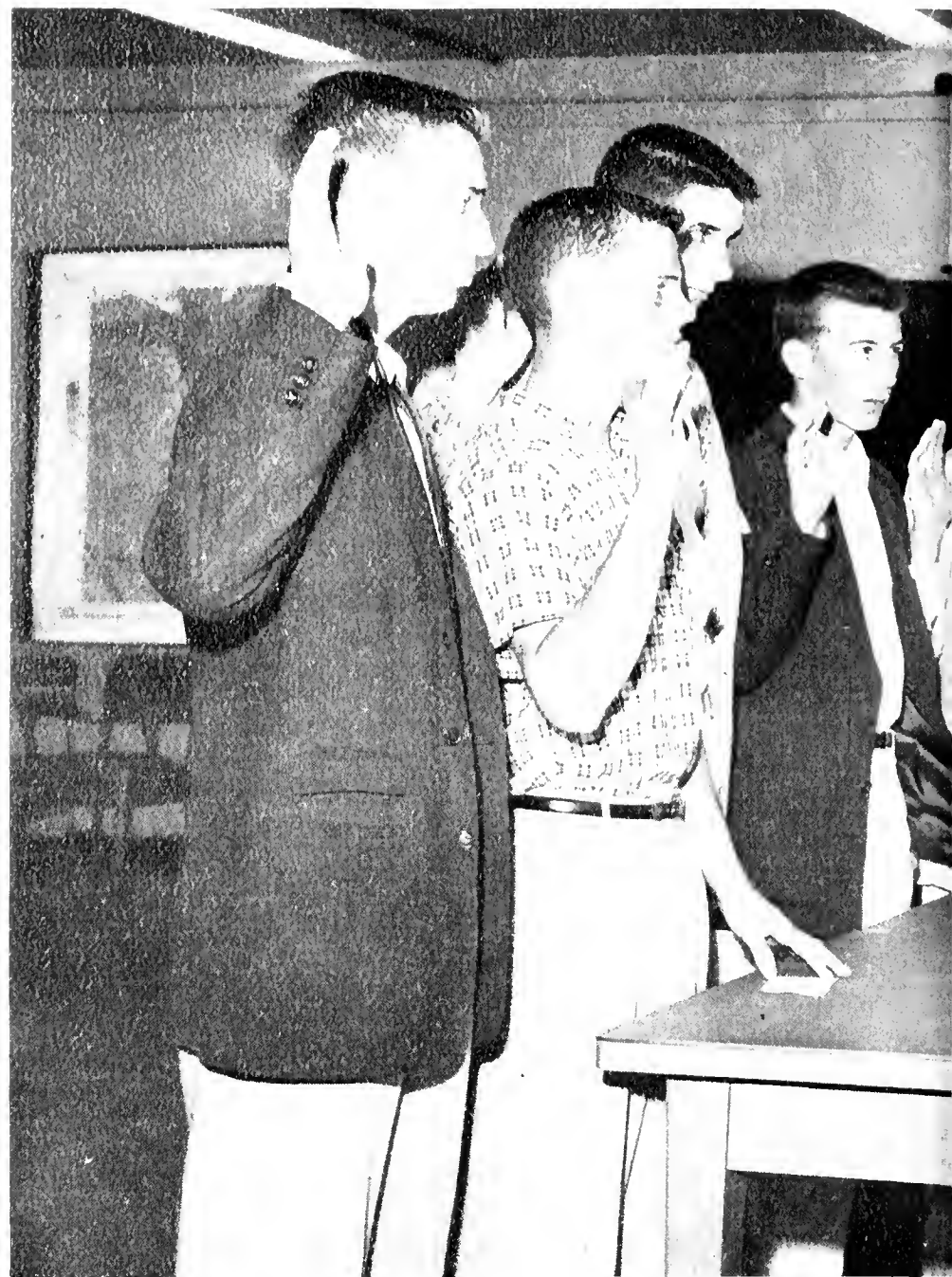
Man, this is highway robbery.







First case of USAFA writer's cramp.



Sworn ot, sworn about,

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Buckley, P. J.

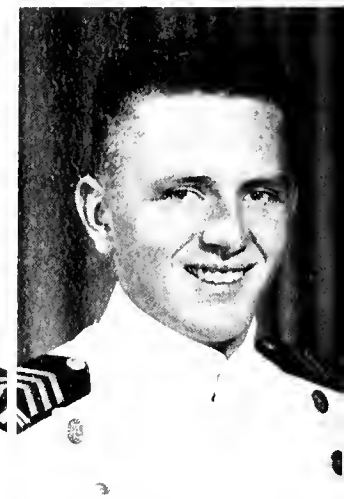
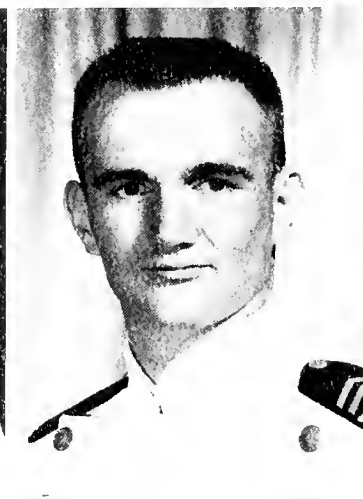
Bull, R. G.

Butler, G. L.

Cairns, D. B.

Campbell, H. N.

Carling, J. C.



Cochrane, C. J.

Combest, W. D.

Conley, T. M.

Conover, C. D.

Cooper, R. M.

Coppock, R. M.







and finally sworn in.



How many years till I get it back?

Carlstrom, D. L.

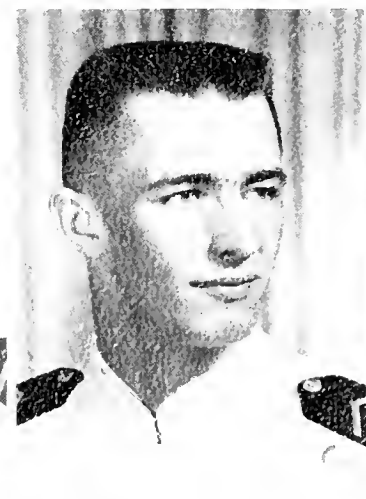
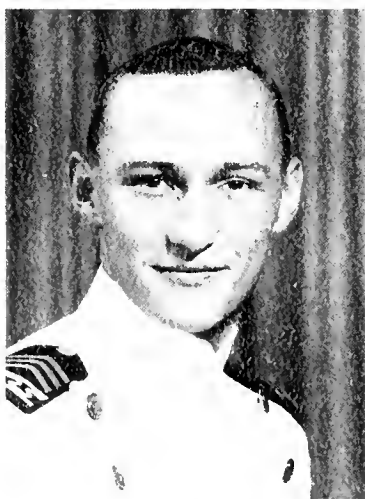
Carson, C. G. Jr.

Cash, R. W.

Cassidy, J. A. Jr.

Caughman, J. S. Jr.

Clarke, G. M.



Croll, C. W.

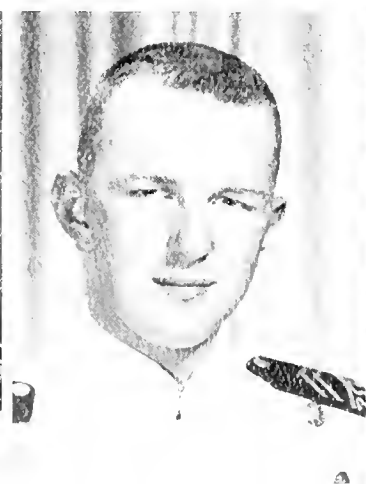
Cubero, R. A.

Danborn, D. R.

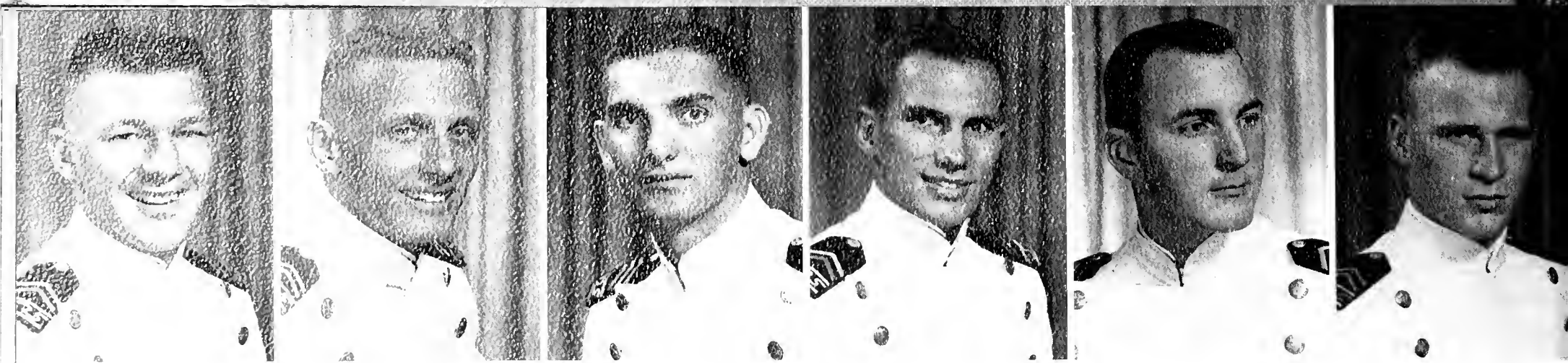
Daniel, L. E.

Darnauer, J. H.

Dates, J. A.







Davis, G. H.

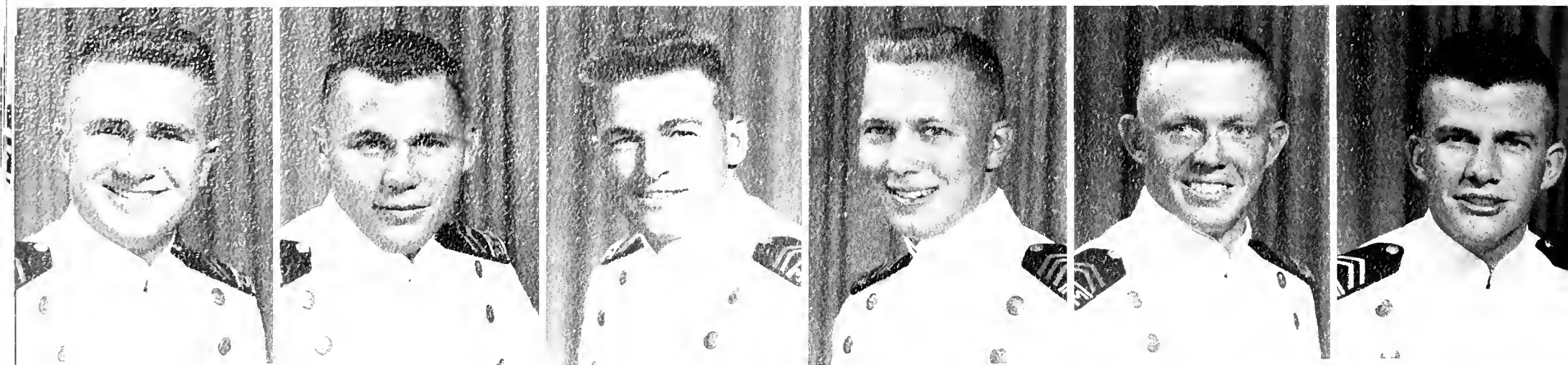
Davis, R. W.

Day, R. W.

Dean, C. R.

Dean, P. A.

Decker, B. E.



Dingle, R. J. Jr.

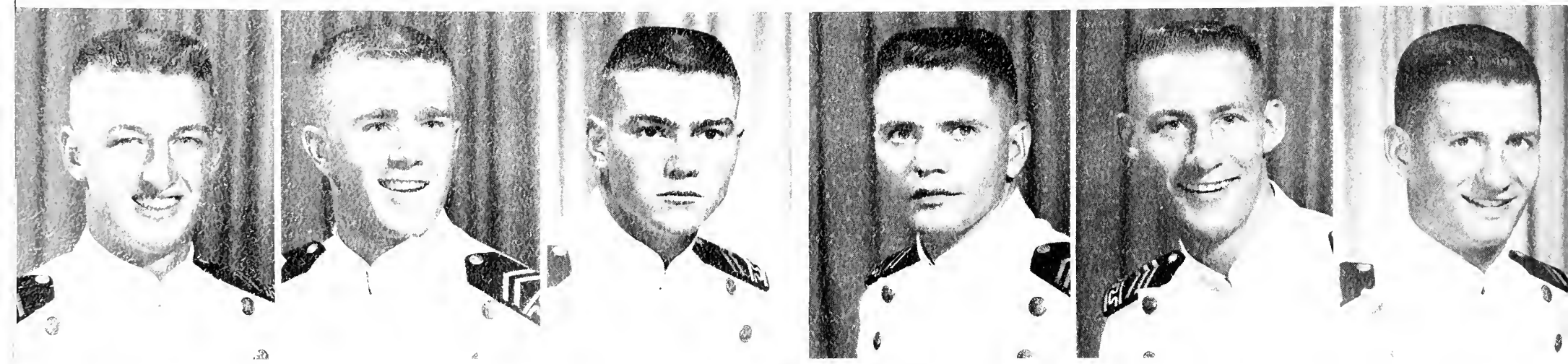
Dixon, C. B.

Dixon, L. C.

Eller, T. J.

Fairlamb, R. C.

Foley, P. F.



Fricks, M. E.

Fullerton, R. A.

Gibbons, W. M.

Gill, G. W.

Goddard, R. T.

Goodley, J. R.

That look should have warned us.







Dickson, J.



Dillon, D. D.



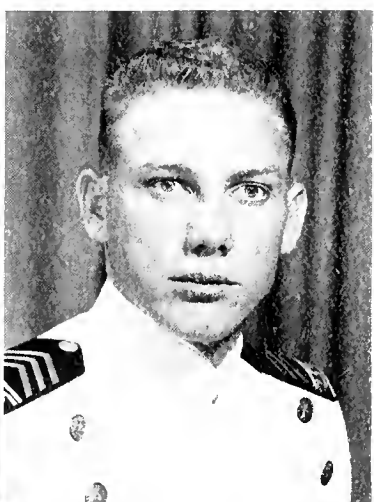
Foster, W. J.



Freeman, L. B.

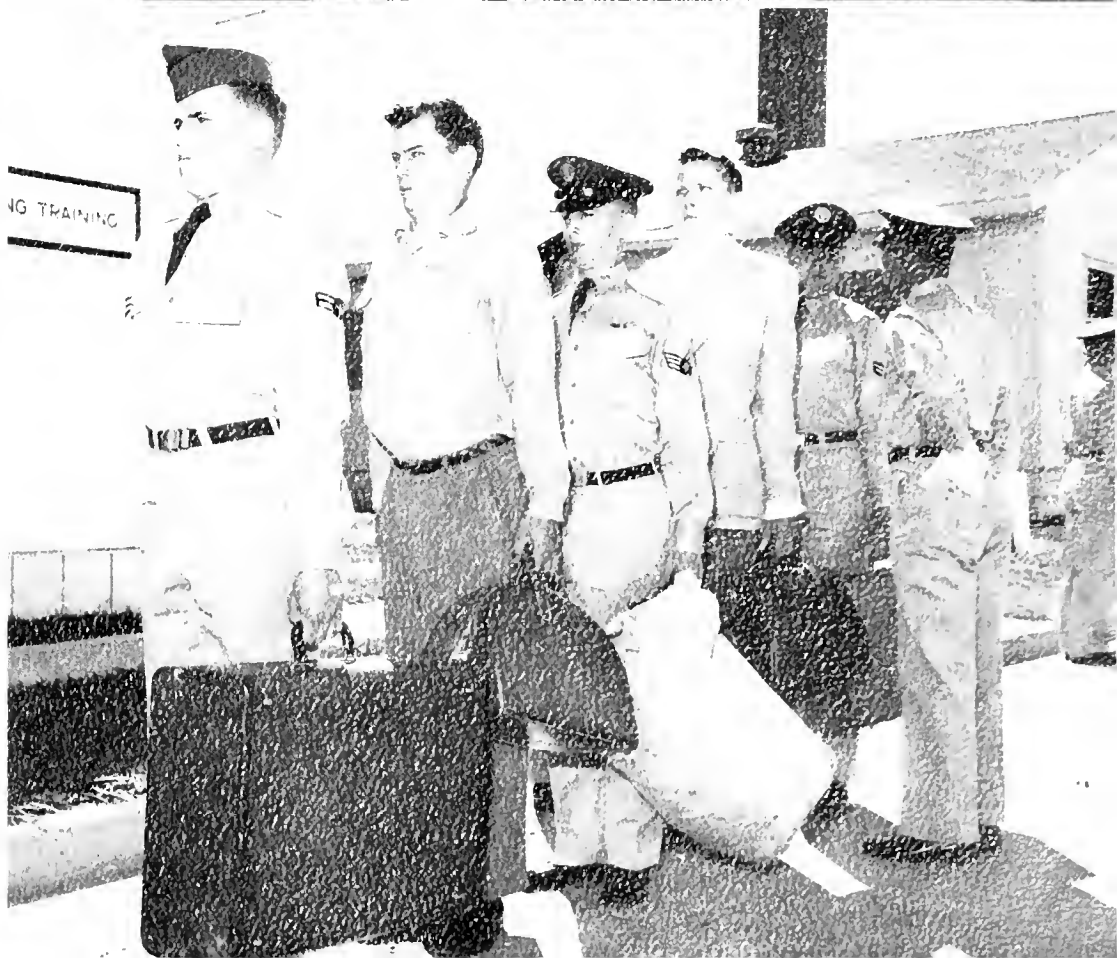
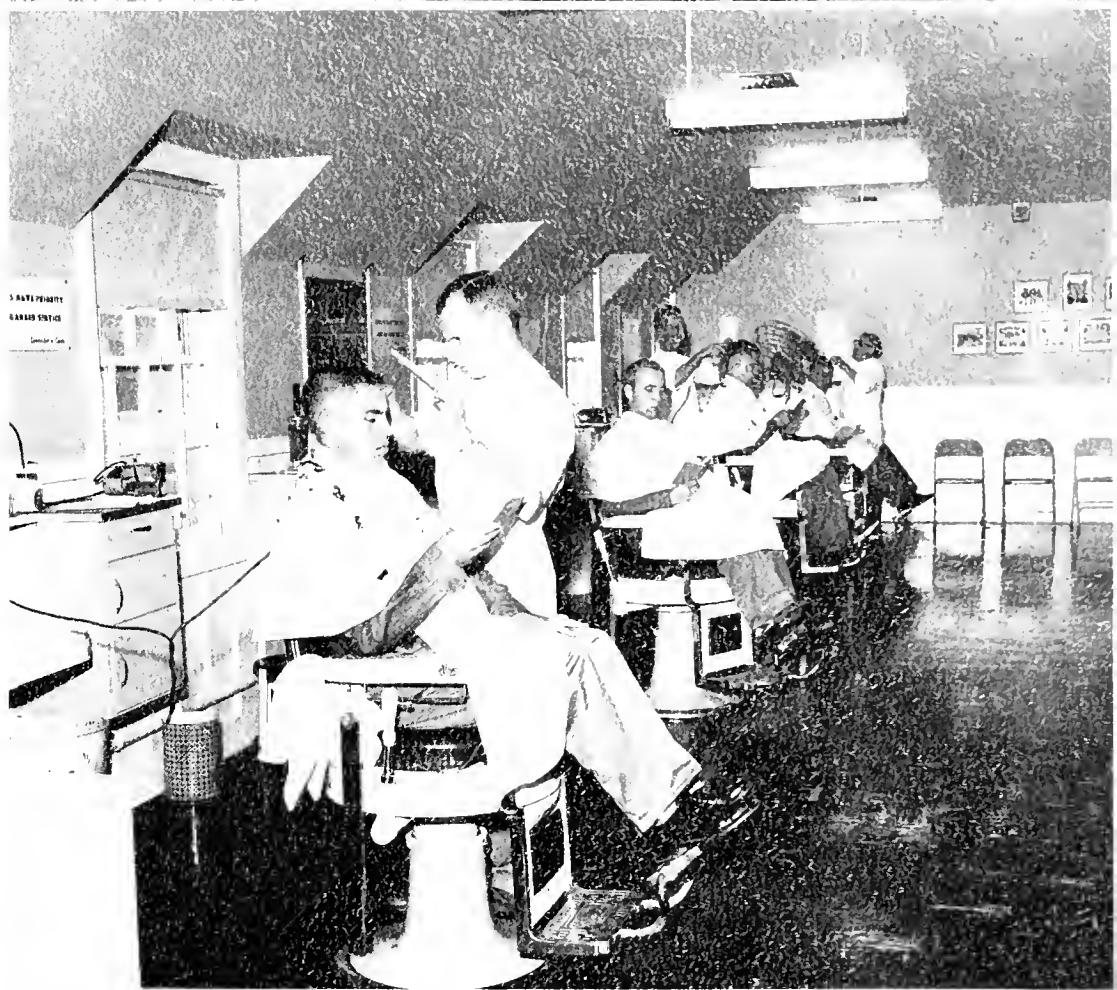
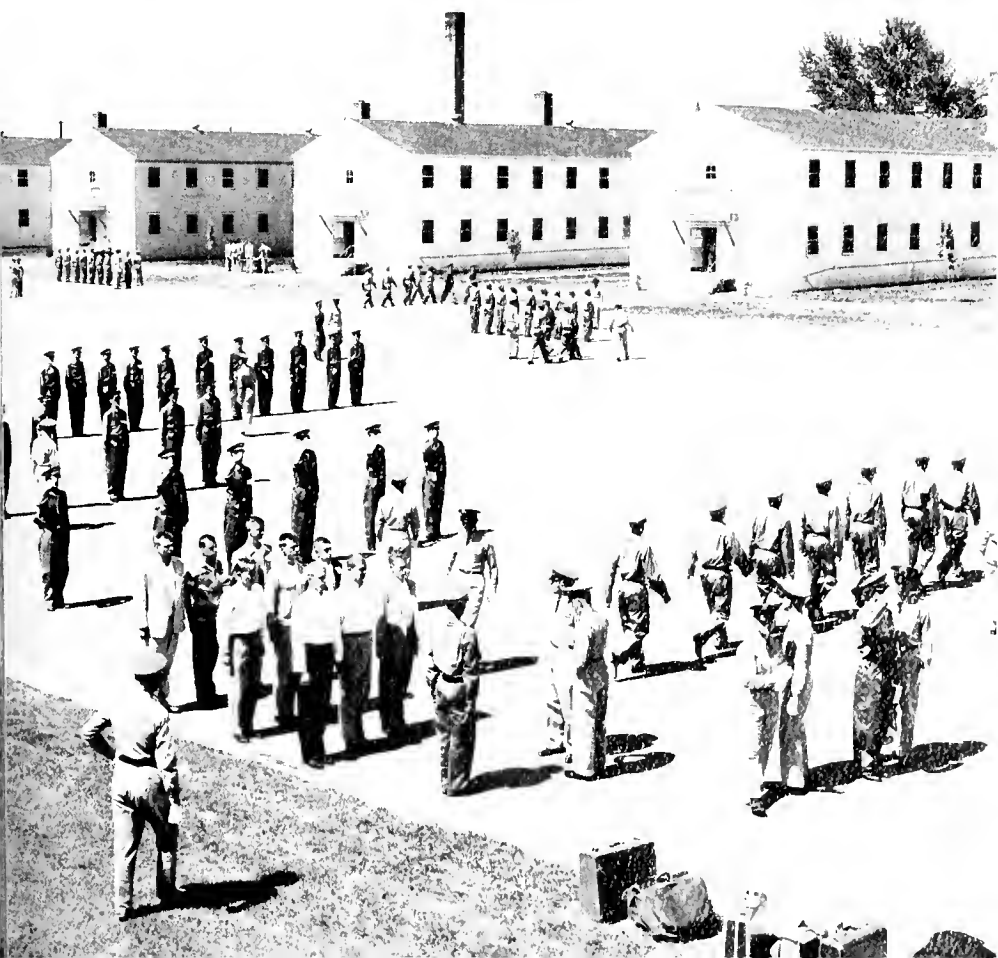


Grace, B. L.

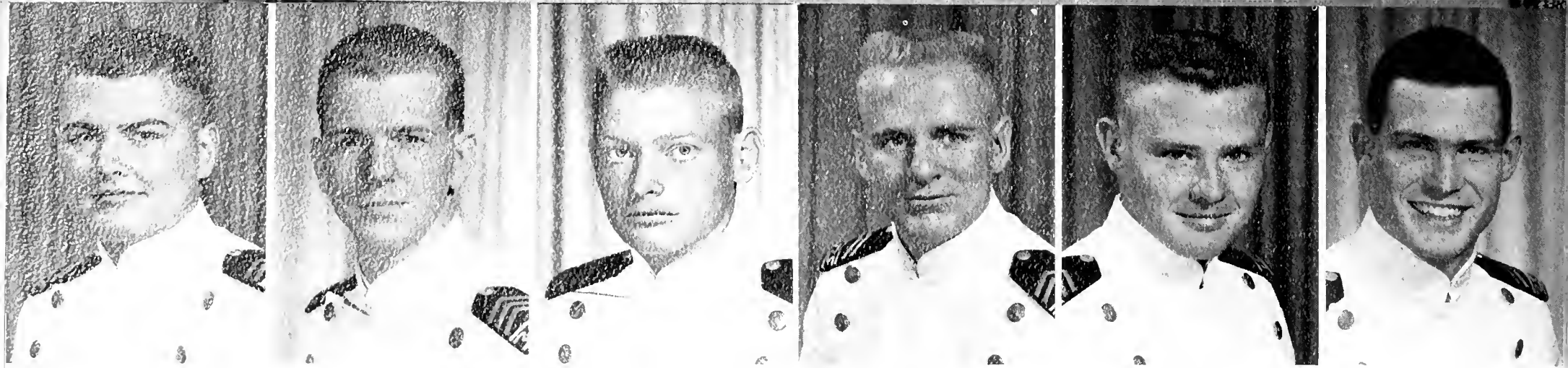


Granberry, C. W.

All in all, 'twas a hectic day!







Grant, D. E.

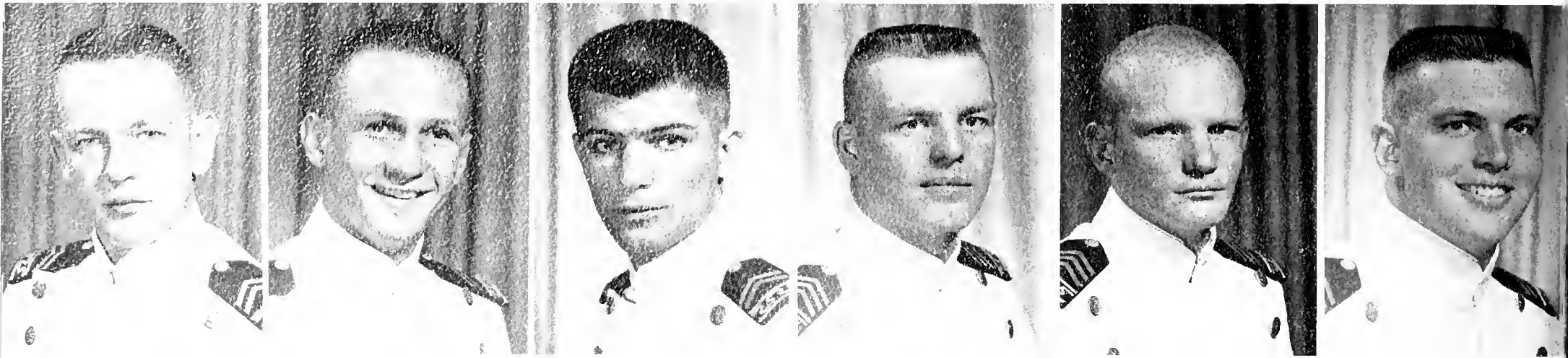
Griffiths, W. E.

Guess, T. J.

Hablas, L. J. Jr.

Haines, D. W.

Hardage, S. A. Jr.



Harris, J. A.

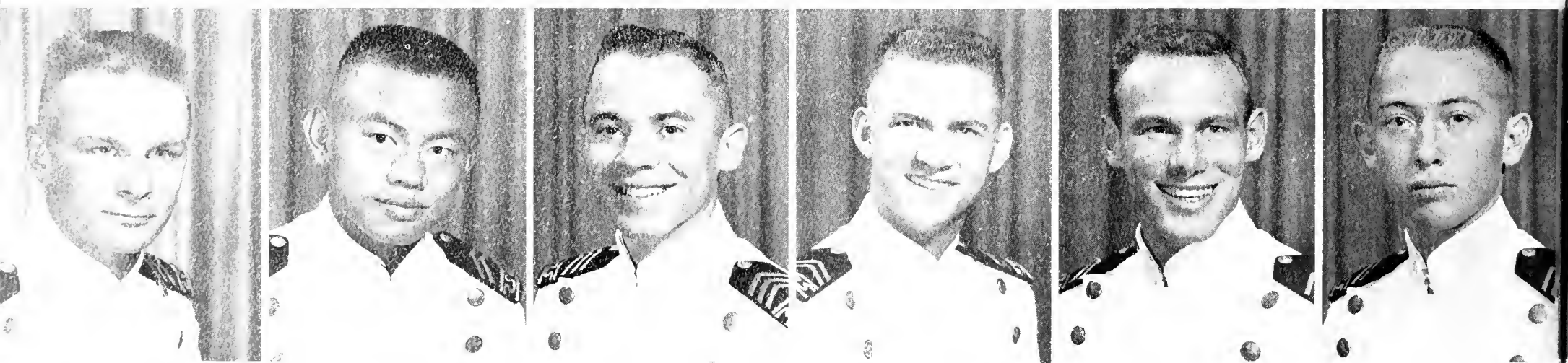
Haslouer, W. L.

Heriza, T. L.

Hill, H. S.

Hill, T. S.

Hinds, B. J.



Hmiel, D. G.

Ho, S. S.

Holcomb, R. G.

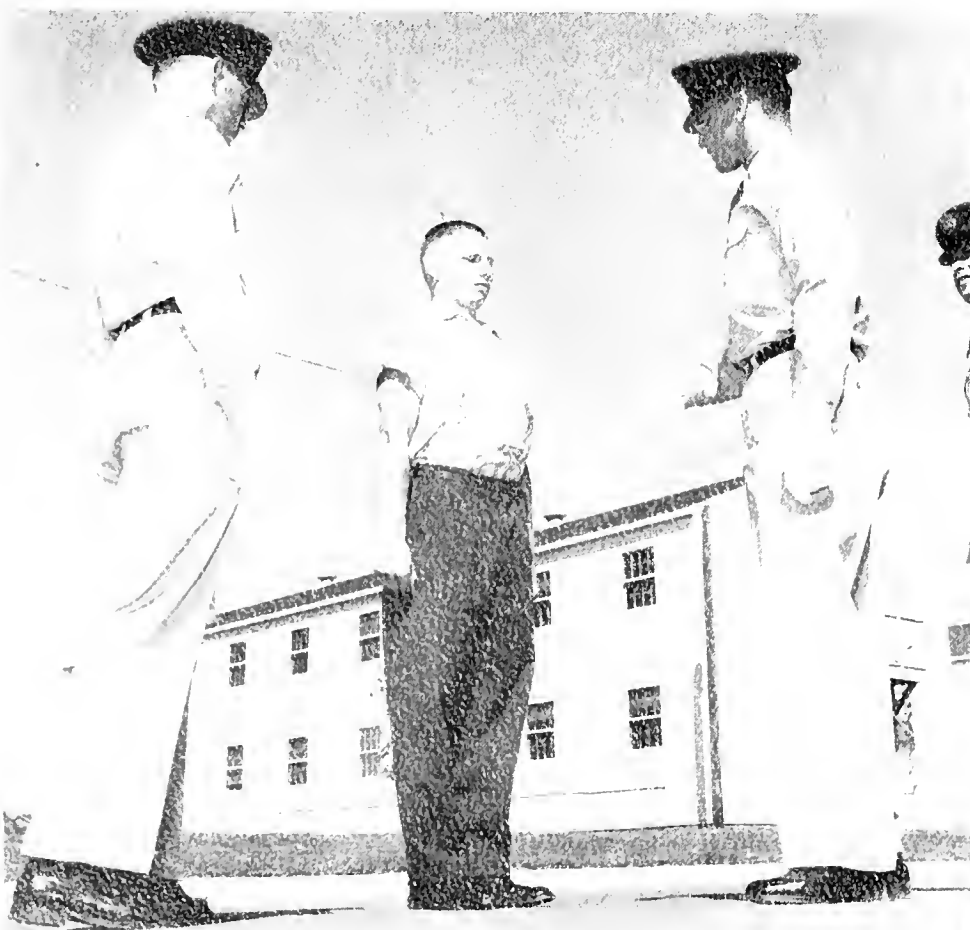
Hollie, L. L.

Holmes-Ray, P.

Hopp, E. G.

Young man, that's a fool.

They are used a lot around here.







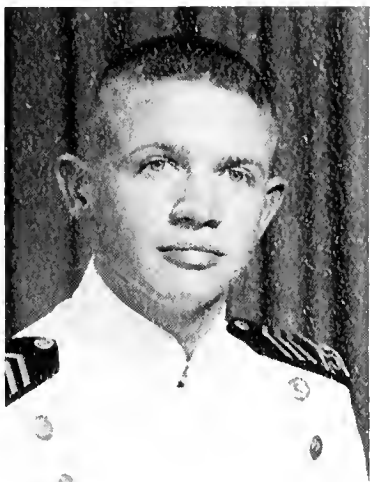
Haring, W. A.



Harper, E. C. Jr.



Hinkle, J. M.



Hinton, P. D.



Hourin, J. J.



Howe, H. L.



And as the day wore on, we wore out.





We formed many new friendships as we met new faces. . .

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Howell, R. L.

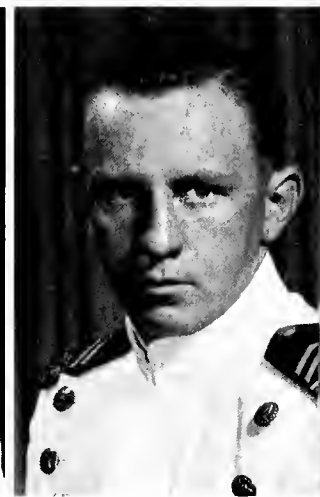
Hull, M. H.

Jardine, J. R.

Johansen, A. E.

Johnson, K. R.

Johnson, L. C.



Jorris, T. R.

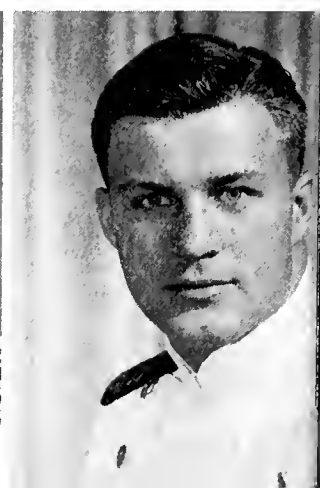
Karnowski, L. J.

Kellerman, K. F.

Kellock, R. E.

Kerr, A. D.

Kiszely, F. W.







In discussion panels. . .

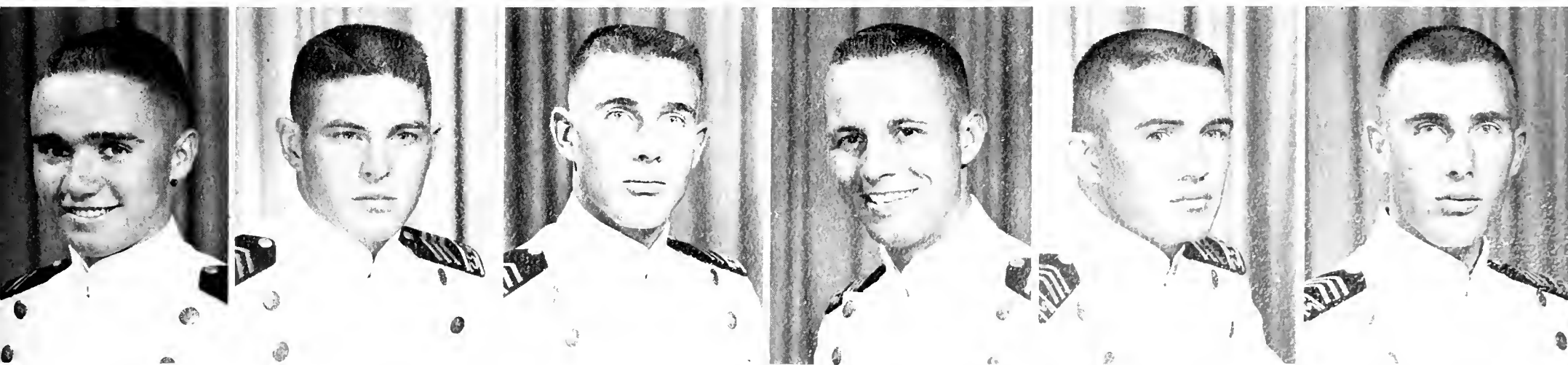


In private tete-a-tetes. . .

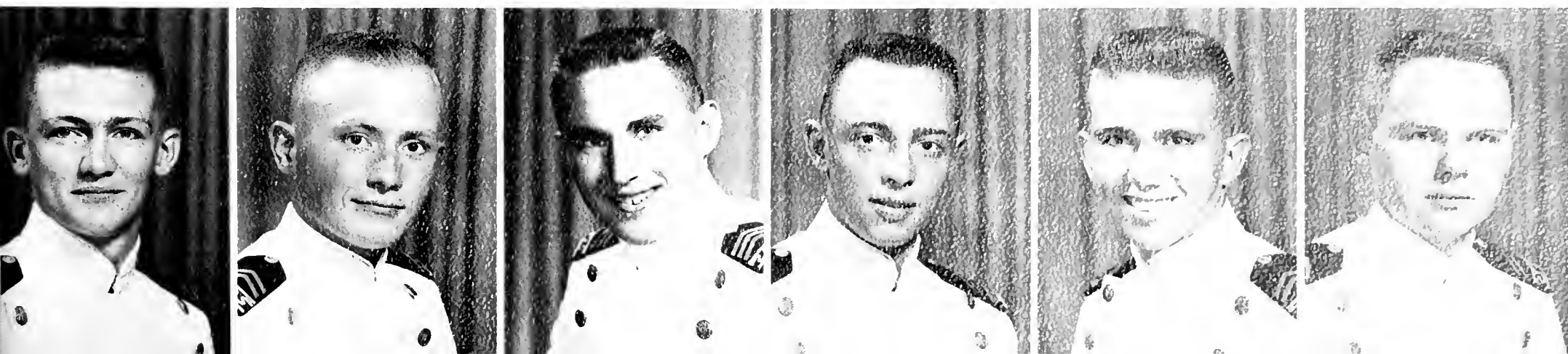


In soul-searching meditation.

Johnson, T. K. Jr.   Jones, B. C.   Jones, D. H.   Jones, L. W.   Jones, R. E.   Jones, W. H.



Koerner, D. K.   Kohout, J. J.   Komarnitsky, O. R.   Koonce, T. T.   Kyle, J. B.   Lane, P. B.







Lane, P. R.

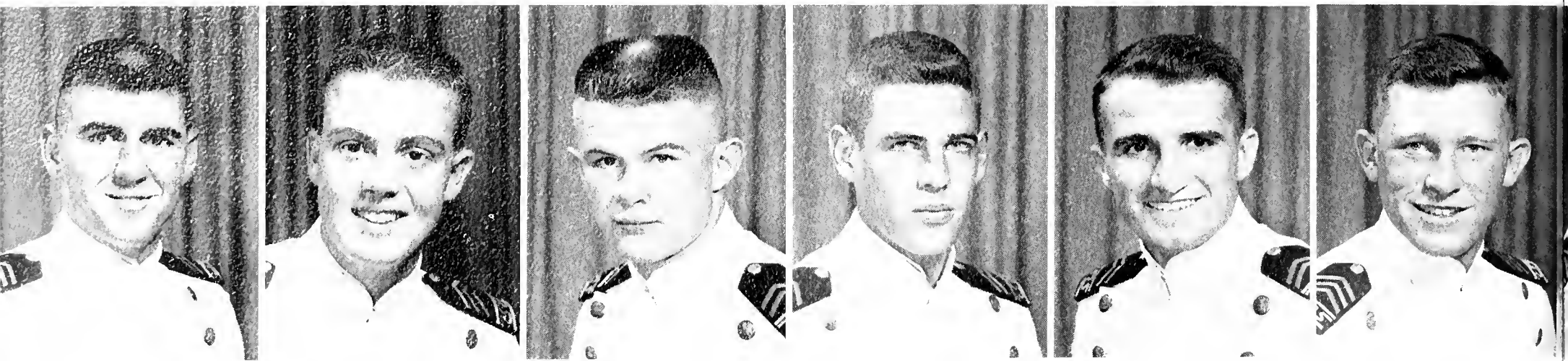
LaPlante, T. A.

Lefton, J. D.

Likens, R. G.

Lockhart, H. J. Jr.

MacAulay, K. W.



McCleskey, J. L.

McCollum, V. O.

McCrary, E. G.

McCue, W. R.

McDonough, J. L.

McMonigal, R. C.

Remember how we rehearsed for the big end-of-summer compout?







Mandel, J. B.



Mason, F. J.



Maxwell, V. P.



May, J. T.



Mayo, J. R.



McCarter, D. E.



McNutly, G. C.



Miller, R. E.



Milnes, R. C.



Mize, J. T.



Mizell, E. C.

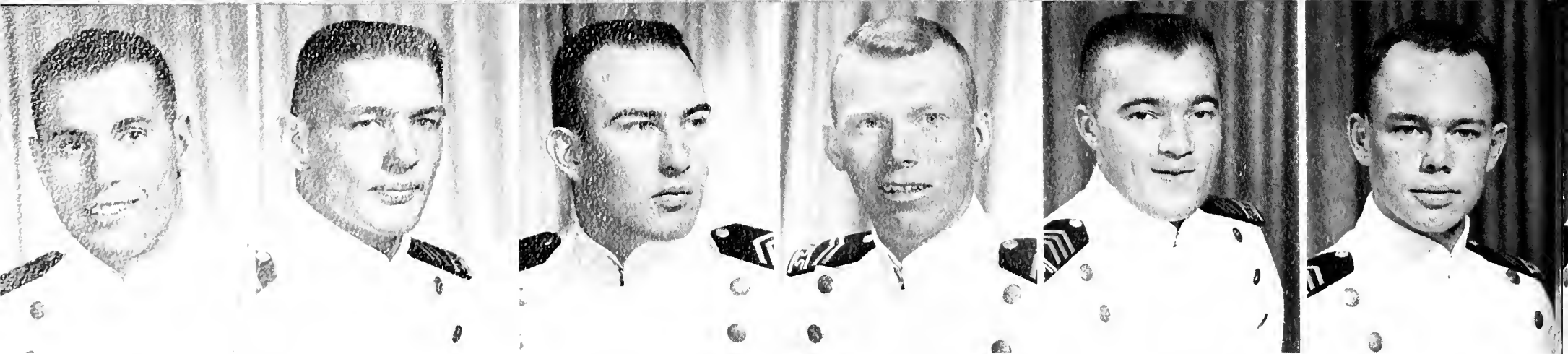


Moorberg, M. L.

One thing about it, we were well equipped—and well led.







Moore, J. L.

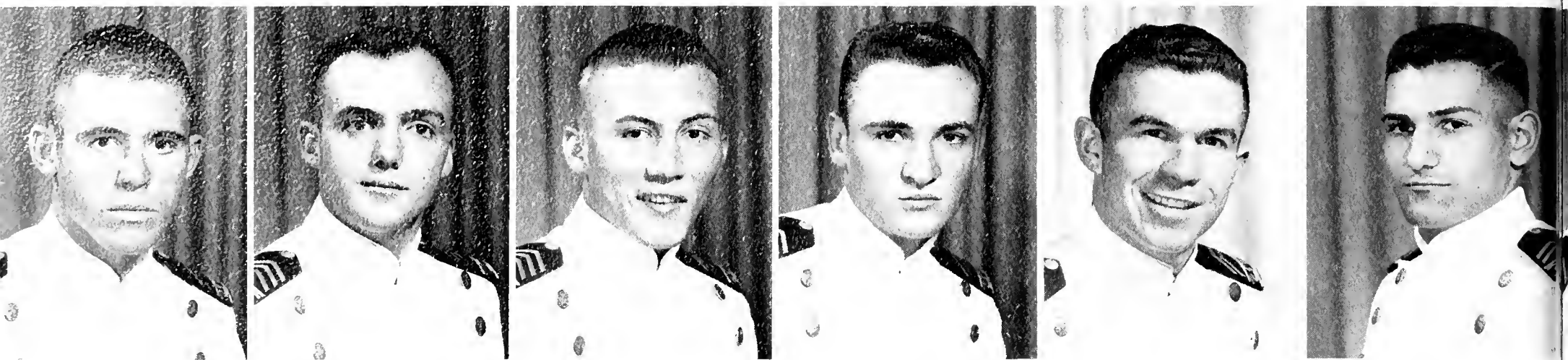
Moores, C. R.

Morgan, B. H.

Moulton, W. T.

Mulvey, T. A.

Neel, C. B.



Pattie, T. N.

Paye, D. D.

Payne, J. G.

Penniston, L. N.

Poole, J. C. Jr.

Quantz, O. L.

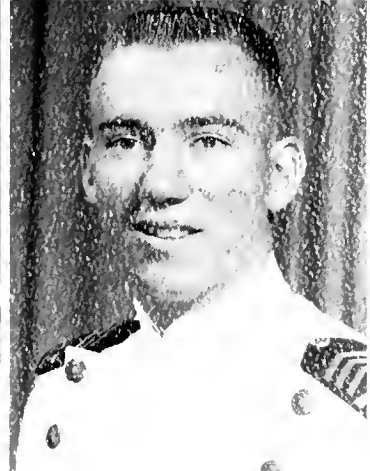
They gotta Air Force form for everything around here.



This secret weapon keeps the coffee pots full.







Negroni, H. A.

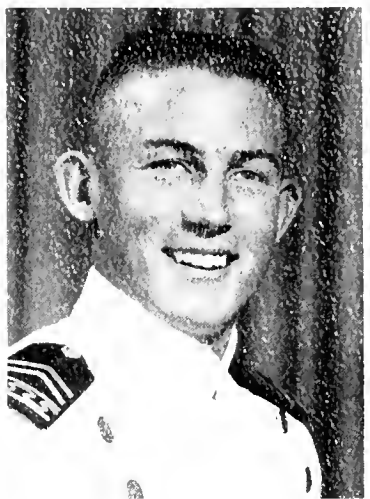
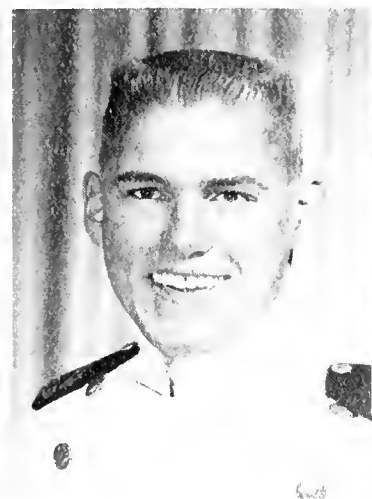
Nolde, G. T.

Norris, T. D.

O'Connor, P. B.

O'Rear, E. N.

Owens, T. P. Jr.



Quinlan, M. J.

Rawlins, M. E.

Ray, D. M.

Renoud, C. R. G.

Reiselman, L. F. Jr.

Roberts, D. K.

Looking ahead, they even prepared us for those June Week weddings.







Rogers, J. W.



Roundtree, N. T.



Sanders, T. A.



Sanzenbacher, F.W.



Saunders, E. F.



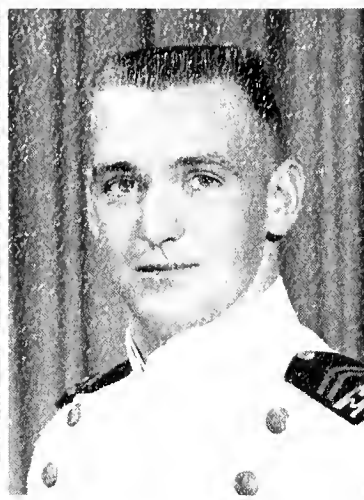
Schaffner, R. A.



Schutt, T. E.



Scott, H. L.



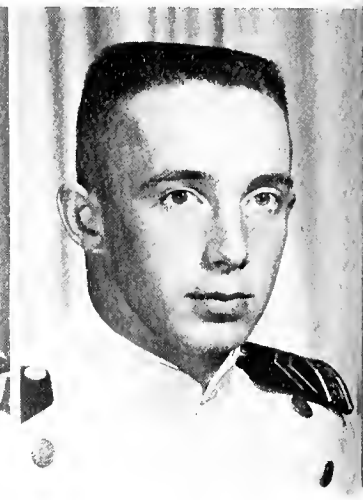
Scott, V. D.



Shewmaker, L. A.



Shulmister, M. R.



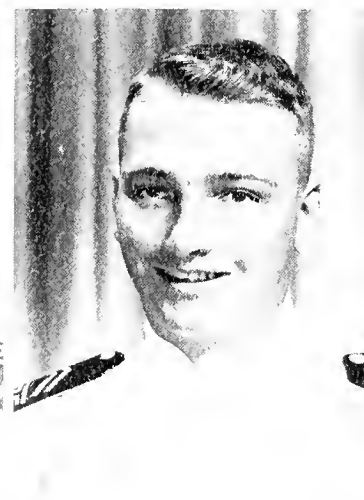
Skilling, T. G.



Smith, R. E.



Stackhouse, J. E.



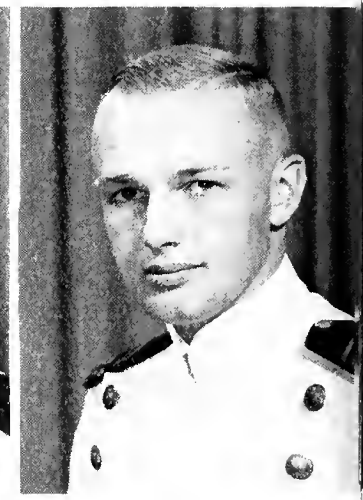
Stackhouse, W. K.



Staten, K. E.



Stebbins, C. F.



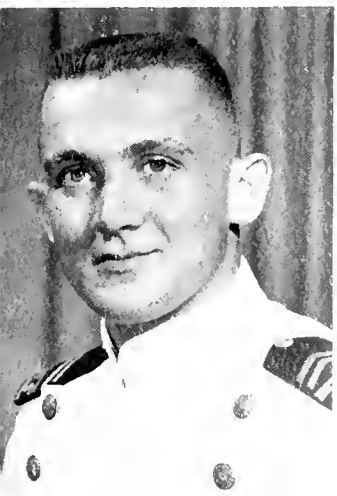
Stephen, P. R.







Schneider, L. G.



Smith, R. D.



Storm, T. L.



It became a serious business as we examined the tools of the trade.







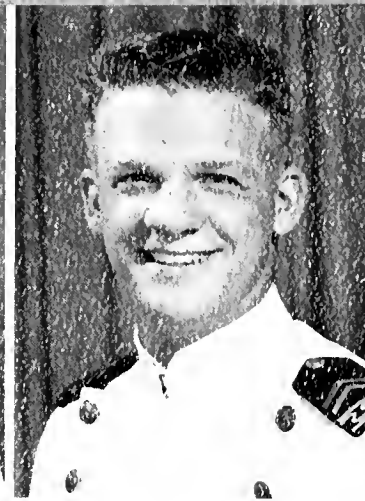
Stover, J. M.



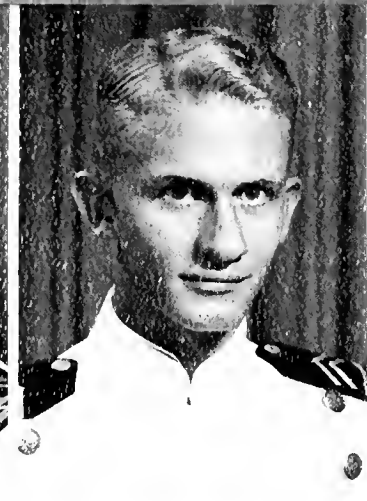
Stringer, R. F.



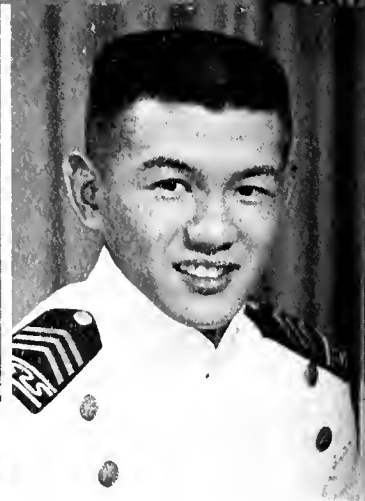
Sullivan, J. D. Jr.



Sutton, T. L.



Tabor, D. C.



Takahashi, T. K.



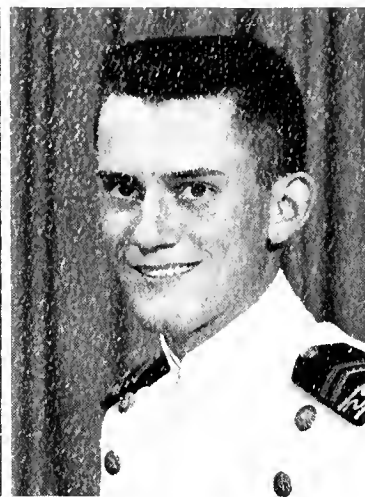
Trotogott, P. H.



Tulis, J. F. Jr.



Ulm, J. P.



Utendorf, A. E.

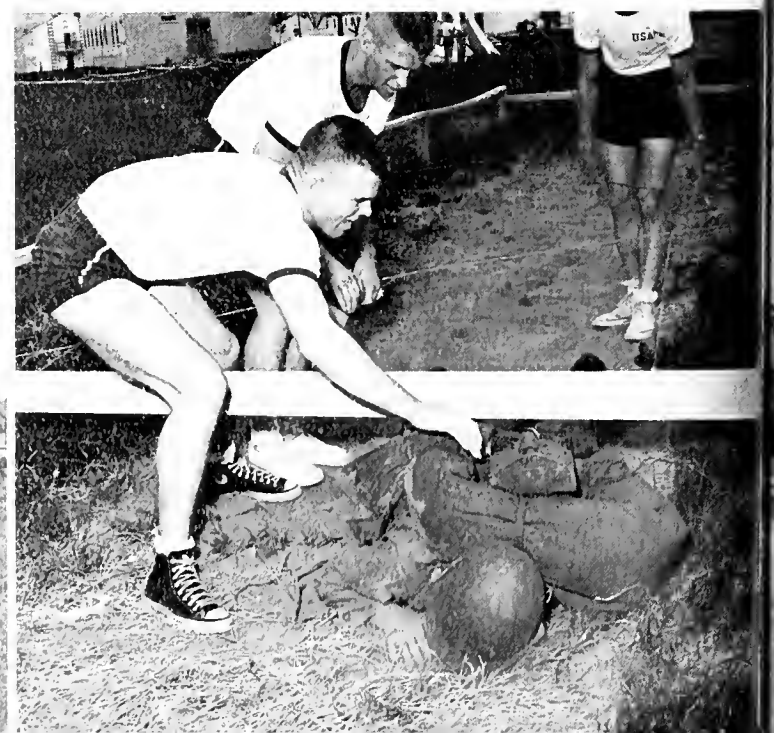
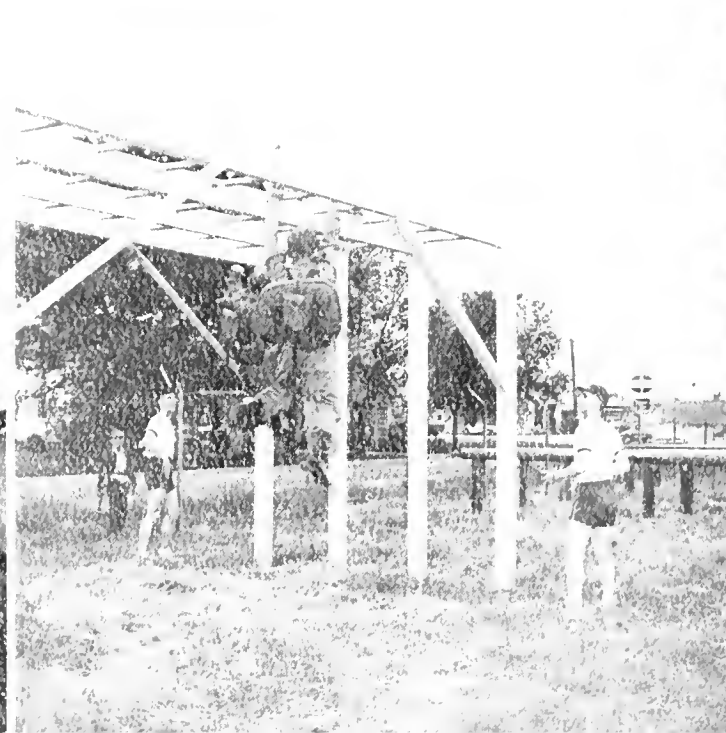


Vacirca, L. P.

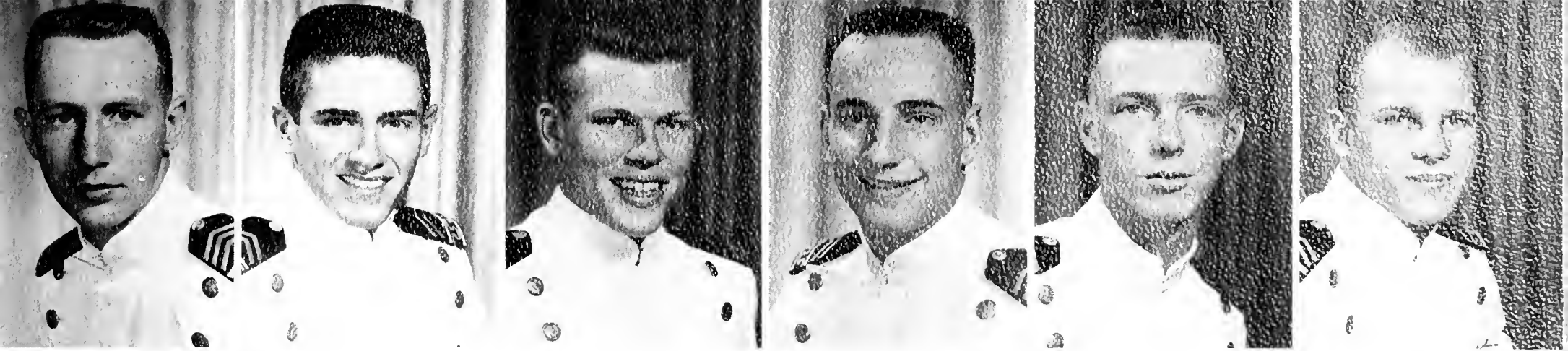


Van Sant, B.

After camping in the wilderness, it was a relief to return to the sedentary life.







Taylor, J. C.      Theiler, G. A.      Theurer, B. W.      Thomas, C. G. Jr.      Thompson, A. S.      Travis, B. M.



Vettergren, E. H.      Viquesney, J. L.      Wade, W. D.      Wagner, R. R.      Wagner, R. K.      Walker, R. E.

With heads held high. . .



We managed to hang on.



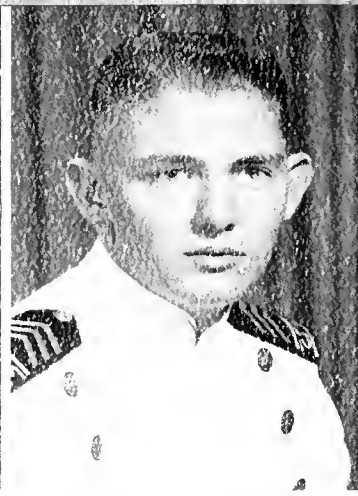




Warren, J. R.



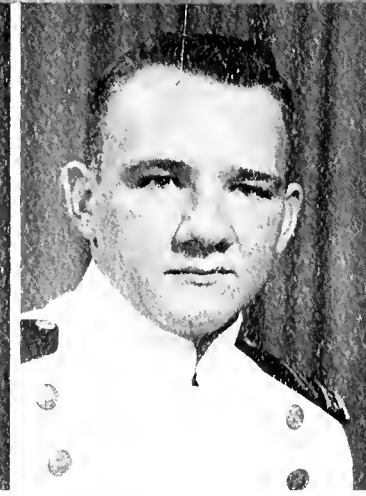
Weaver, J. C. Jr.



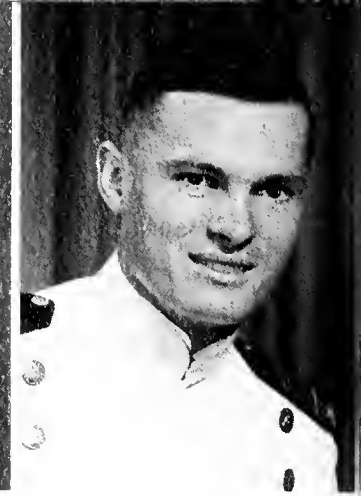
Weeden, R. J.



Westbrook, C. O.



Whalen, W. W.



Whitaker, K. J.



Wild, J. H.



Wilhelm, J. E.



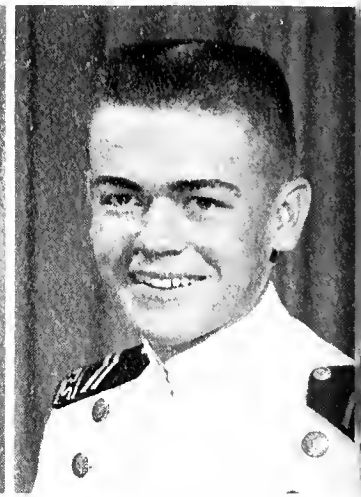
Williams, L. B. Jr.



Williams, T. W.



Williams, W. T.



Willis, B. G. Jr.



Wilson, T. W.



Woelfel, R. T.



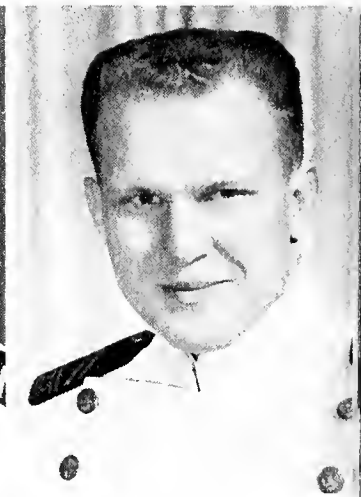
Wohrman, F. R.



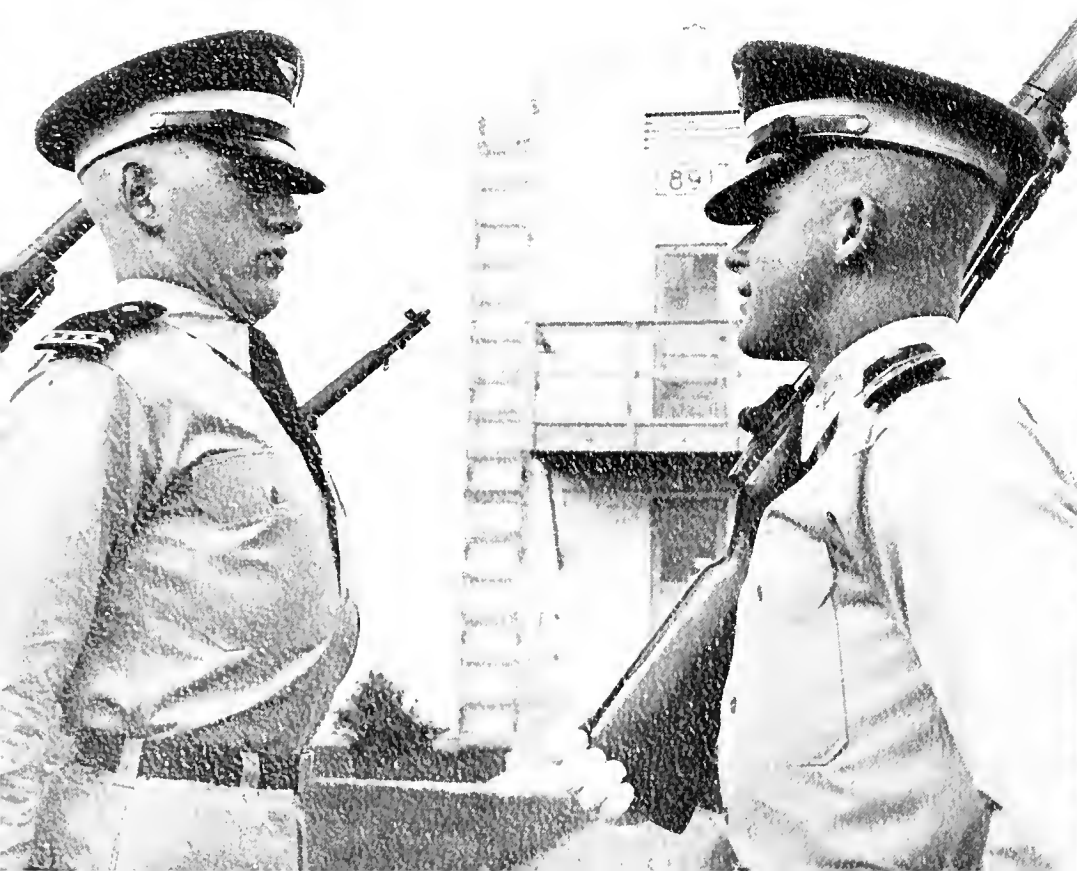
Wolcott, J. J.



Woodbury, R. C.



Woods, P. H.







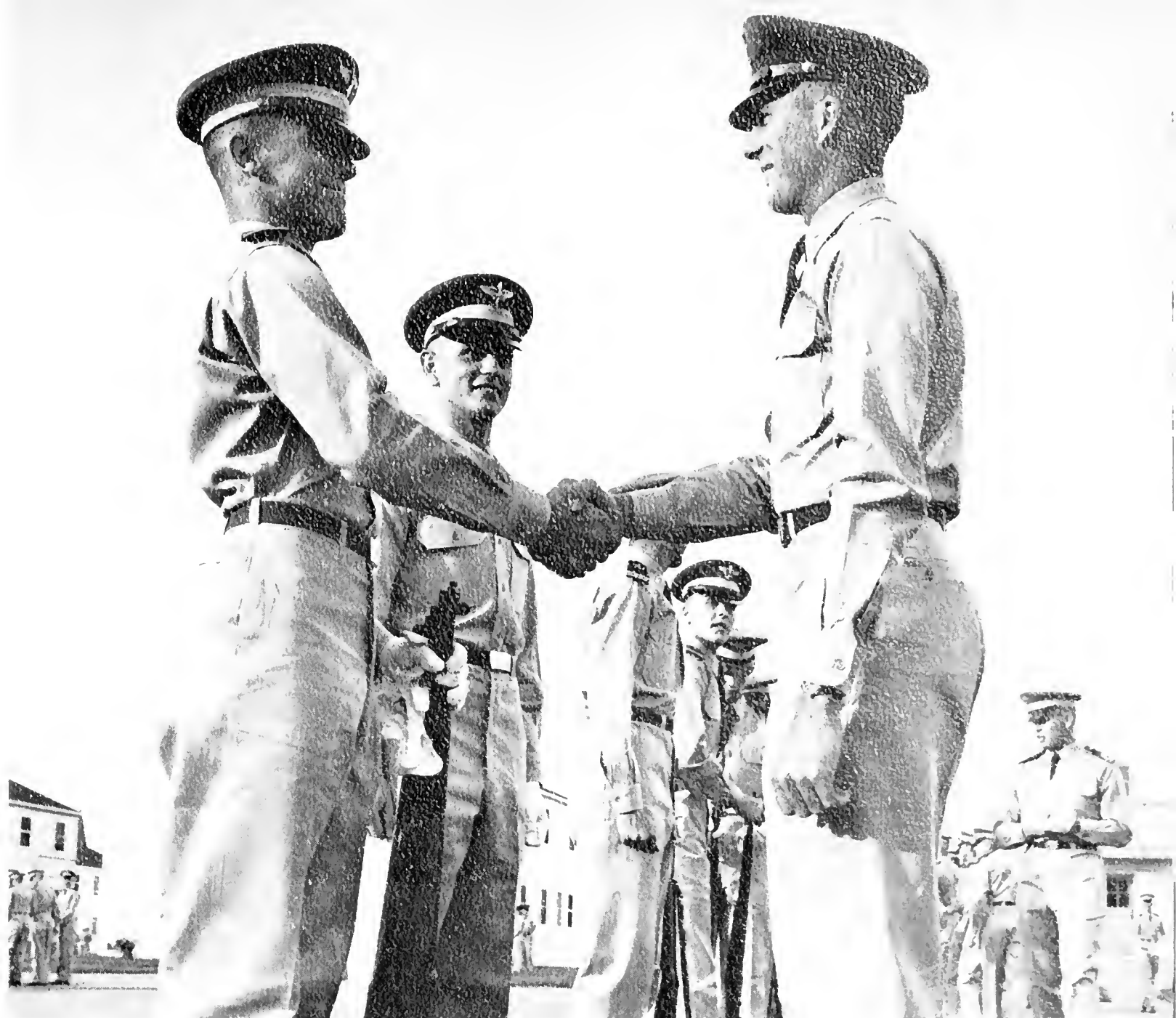
White, R. P.



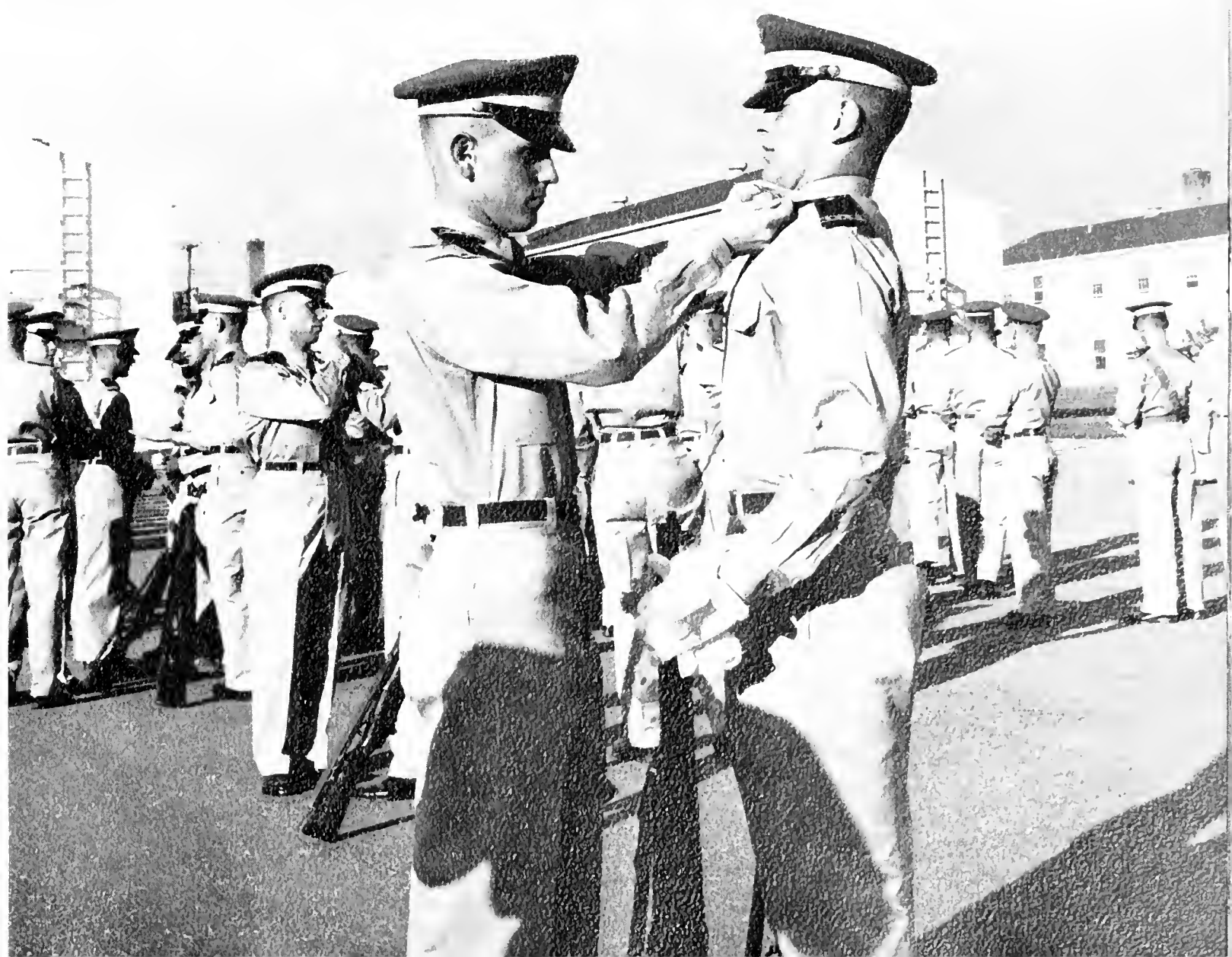
Willis, F. E.



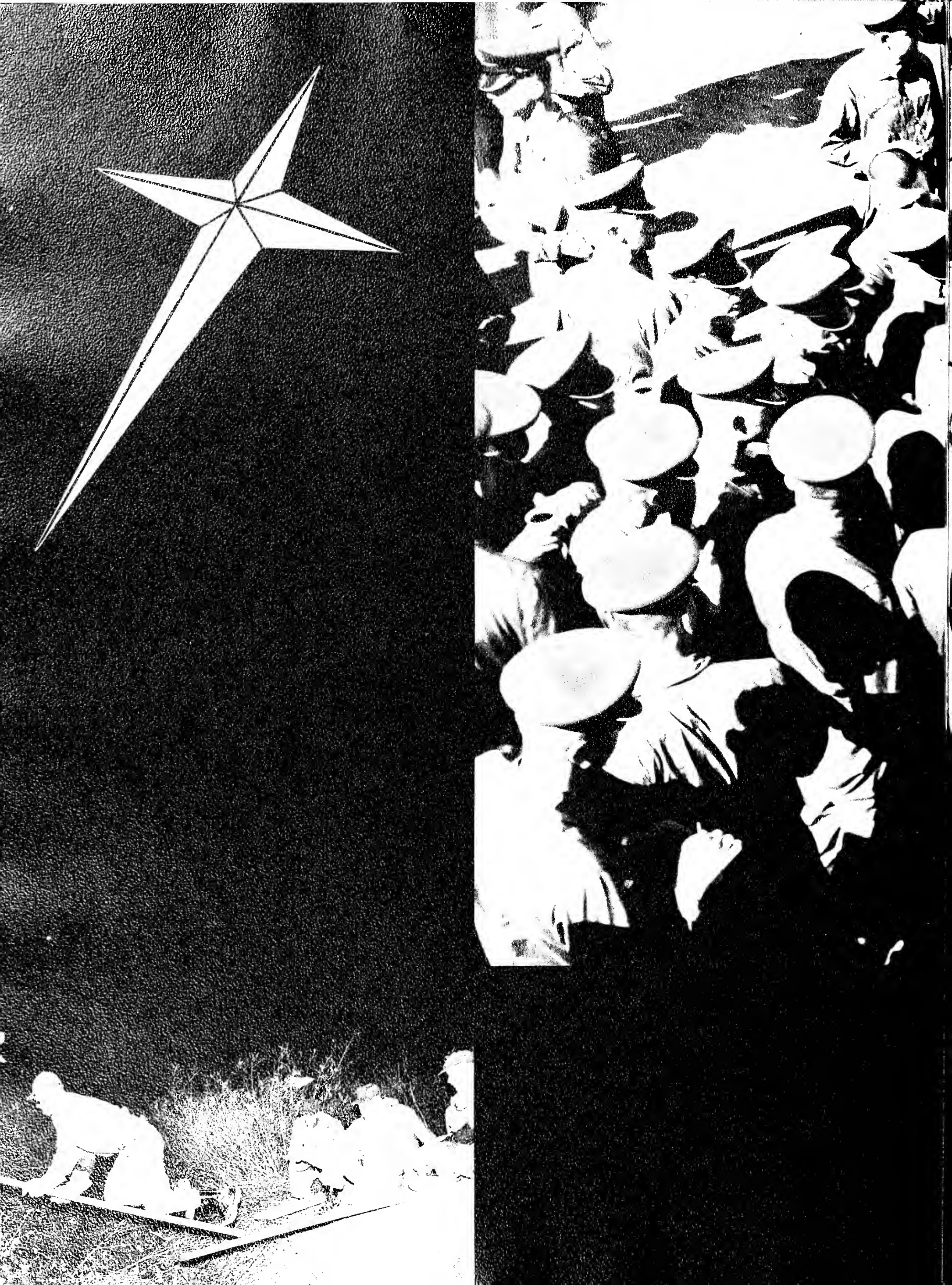
Zompa, E. A.



Recognition—a handshake, a shiny pair of wings—even the ATO's were smiling.











**Class of 1962**





As the upperclassmen took off — another group started the long grind.



Abshire, D. L.  
Adams, M. L.  
Adams, W. M.



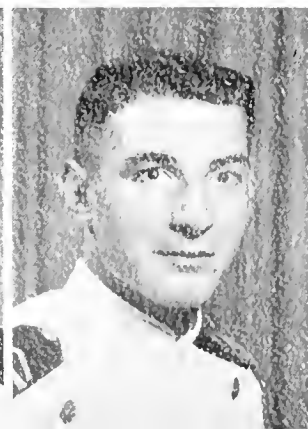
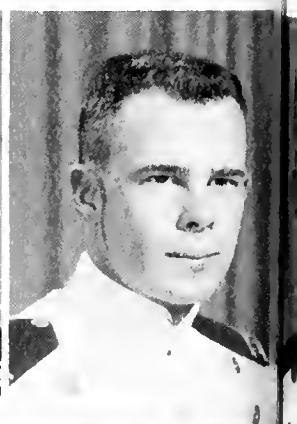
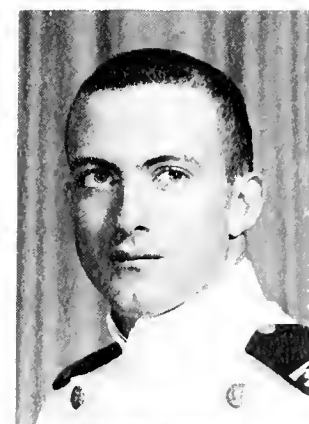
Ahmann, G. L.  
Alexander, R. M.  
Allport, C. W.

Baker, S. J.  
Baucom, D. R.

Banford, A. J.  
Baughman, G. L.



Altman, H.  
Anderson, J. L.  
Anderson, R. F.



Annis, J. R.  
Babin, L. H., Jr.  
Backman, V. E.

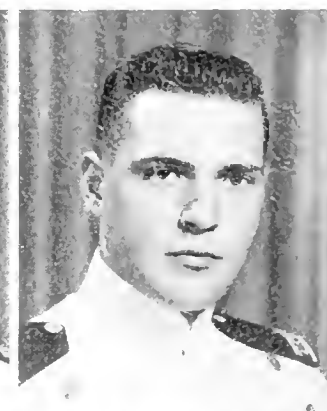
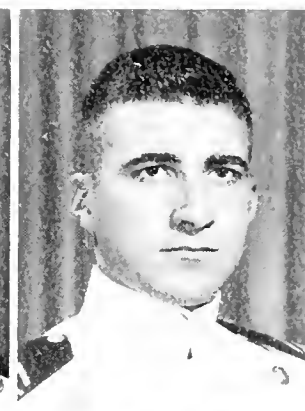






This was the class of '61, scurrying frantically here and there.

Biegalski, C. S.  
Bifolchi, G. J.  
Billington, G. F.



Blaisdell, M. P.  
Bobko, P. B.  
Bockelman, D. C.



Banks, F. M.  
Baxter, R. H.

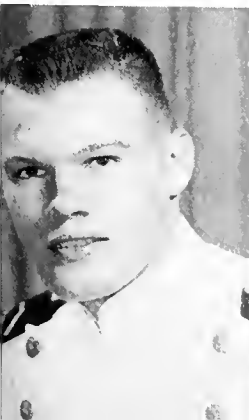
Bartley, R. W.  
Beck, B. T.



Bolster, C. H.  
Bow, R. N., Jr.  
Bradstreet, F. P.



Brinkman, J. M.  
Brothers, J. N.  
Brown, C. H.





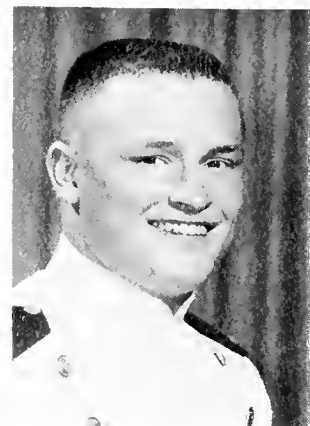
Browning, W. A.  
Brucher, J. M.  
Bumen, R. L.



Burns, H.  
Butchko, M. J., Jr.  
Butler, C. M.

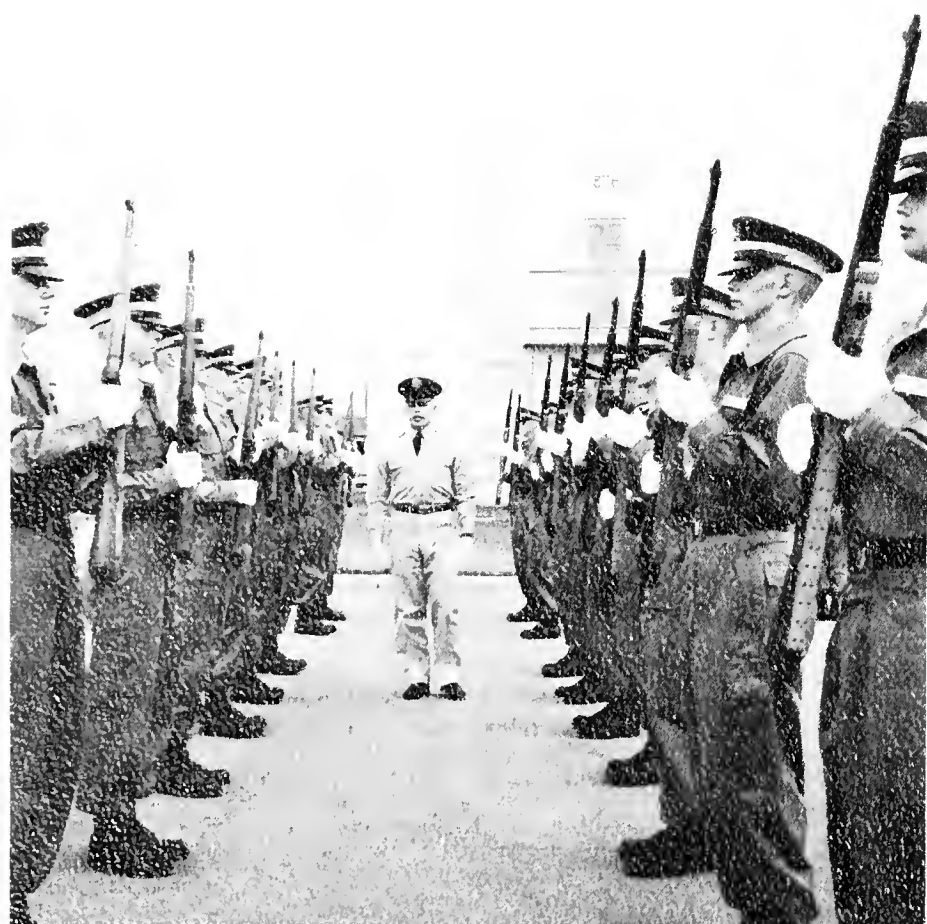


Carn, R. M., Jr. *Kyle C.*  
Carroll, H. K.  
Carroll, J. L.

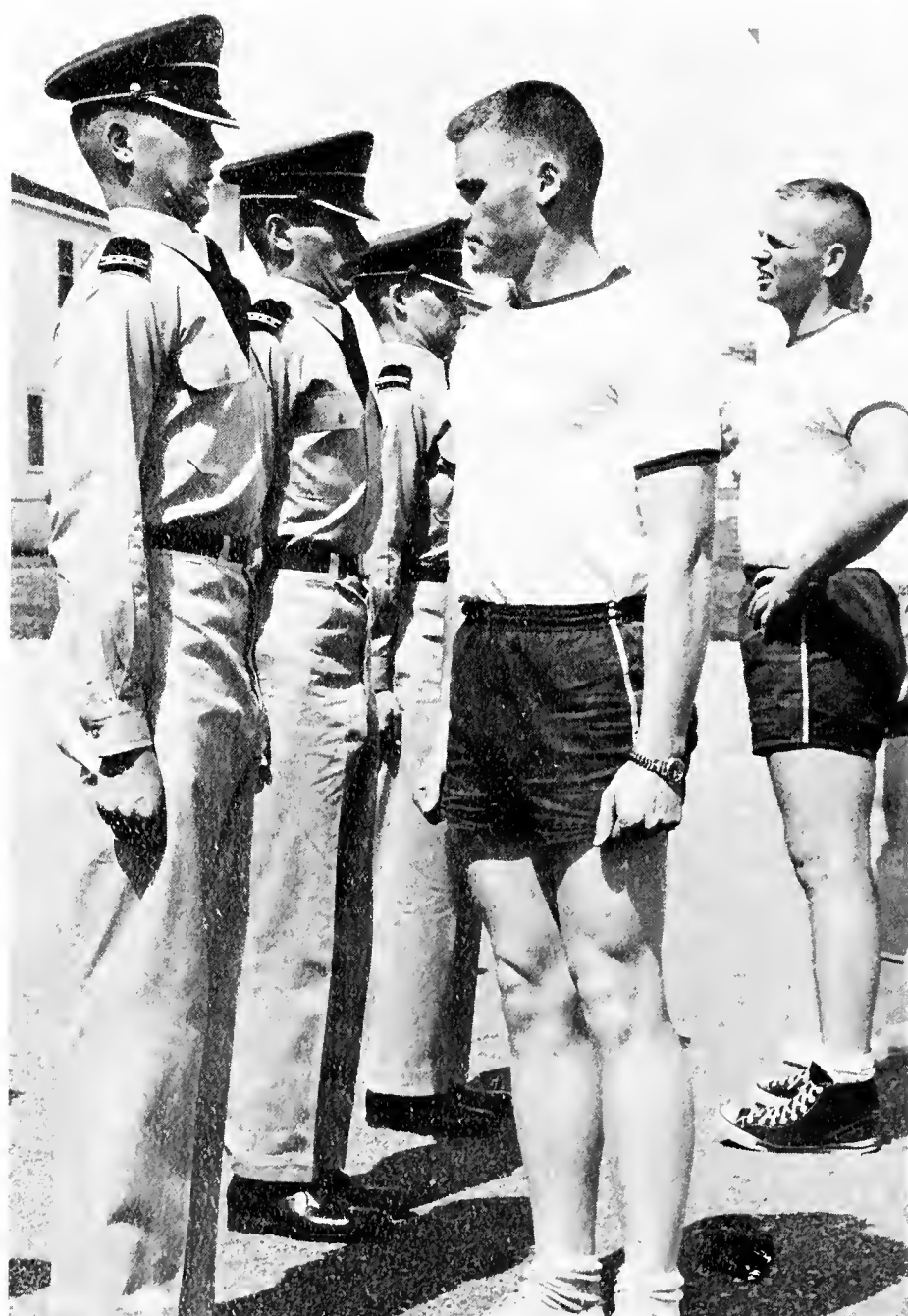


Carver, L. J.  
Clark, K. B.

Chaklos, T. E.  
Coffey, C. T.

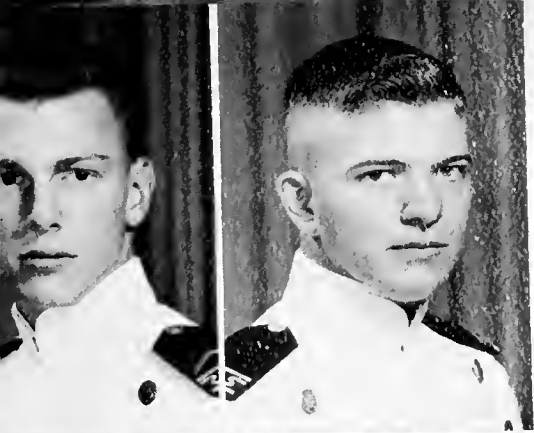


They gave us guns . . .

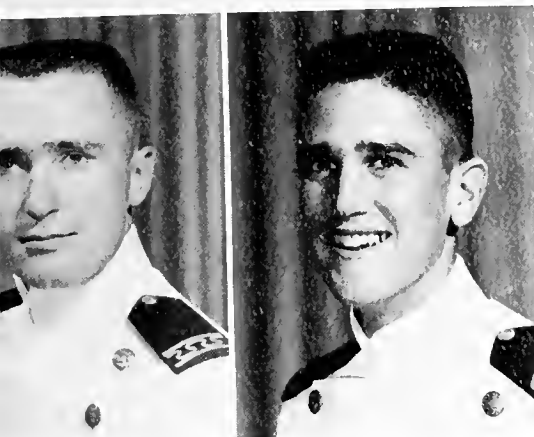


But wouldn't let us use them.





Connolly, R. J.  
Cornet, G. F.  
Daniel, C. A.

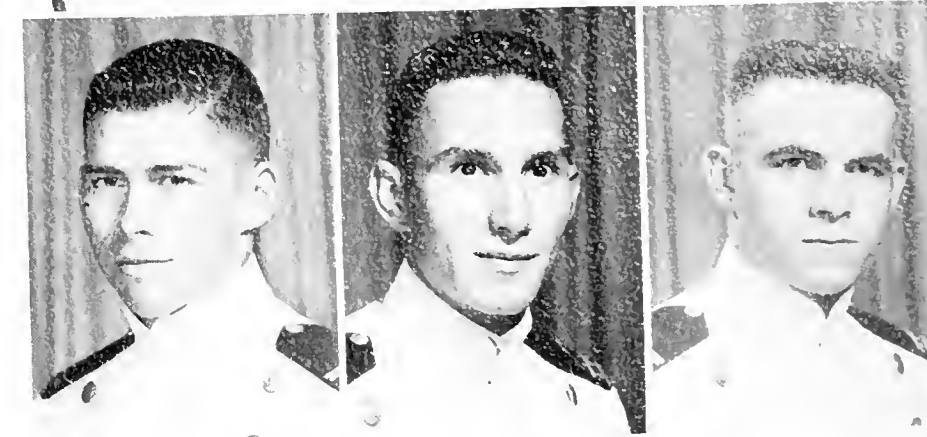


d'Aquin, J. J.  
Daugherty, J. W.  
Davey, R. F.



Cheeseman, C. E.  
Conlan, R. E.

Clanton, P. L.  
Connerat, E. B.



Davis, S.  
Deberry, R. D.  
Dehne, D. E.



Sometimes we stood still . . .



But not for long.



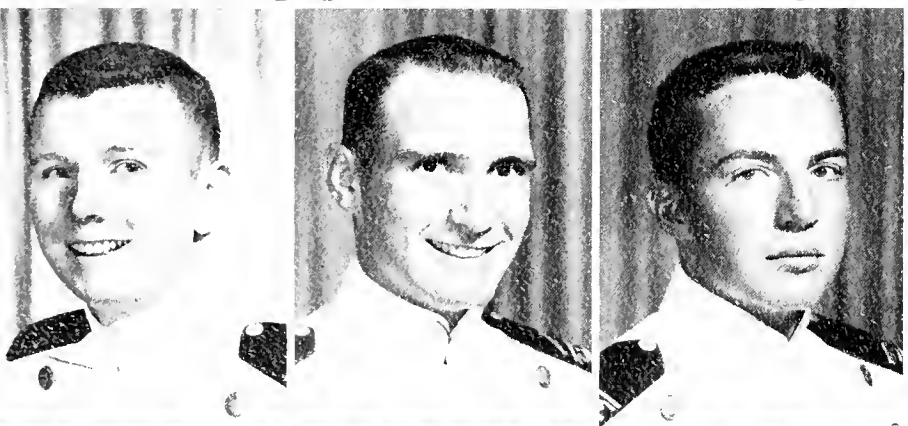
Some had it easy.



Not us



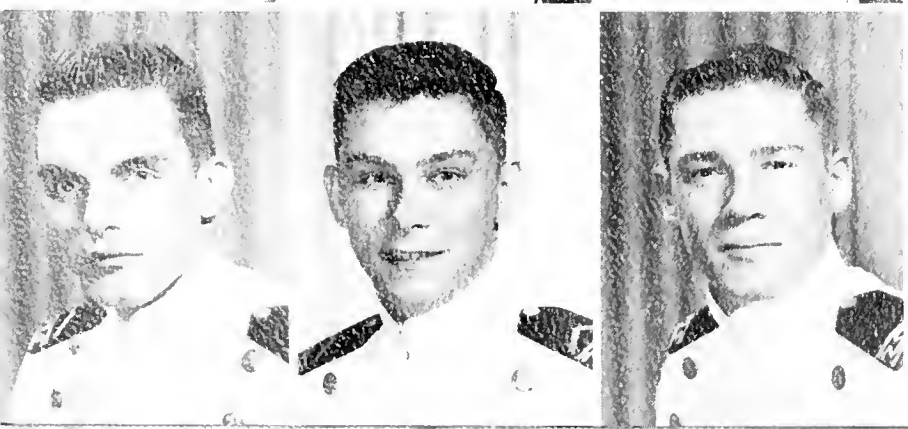
D'Entremont, J. A.  
Dinning, O. O.  
Dinsmore, J. C.



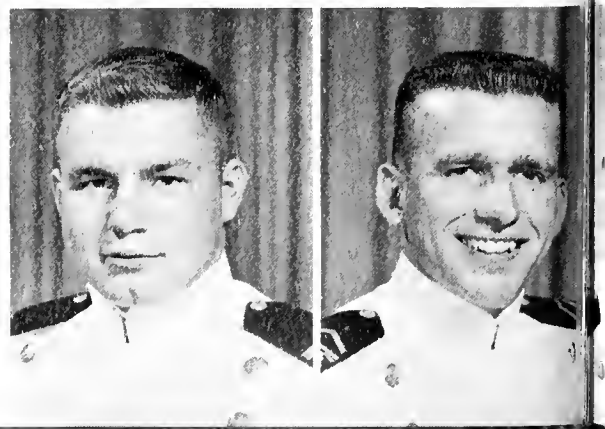
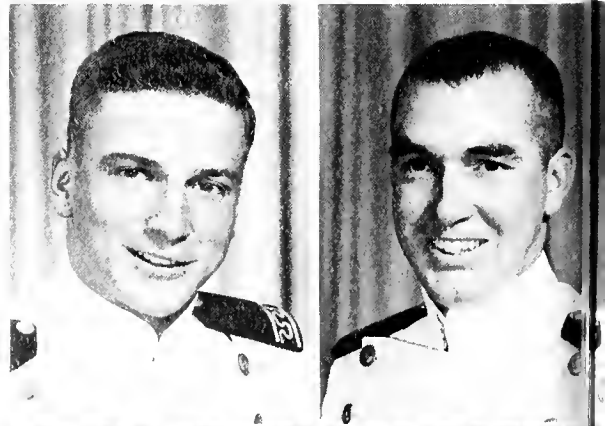
Donovan, D. J.  
Drake, J. M.  
Dryden, J. W.



Duvall, R. W.  
Dykes, F. T.  
Easter, J. R.



Eaton, G. S.  
Eaton, J. D., Jr.  
Eckel, G. M.



Egan, D. J.  
Fallon, C. B.

Ellsworth, J. R.  
Farrington, A. D.





... we played games

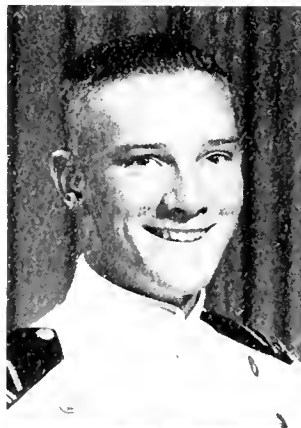


... and "practiced" survival!

Ferris, D. L.  
Fiedler, F. A.  
Fields, D. A.



Fisher, K. S.  
Flanagan, J. F.  
Fleming, K. H.



Flynn, P. S.  
Ford, R. C.  
Forrest, G. F.

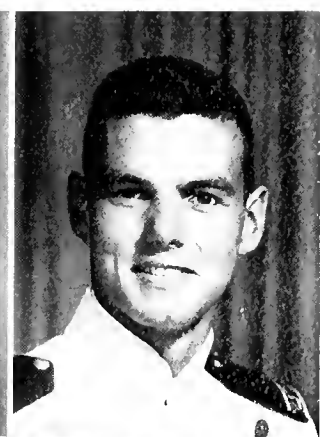
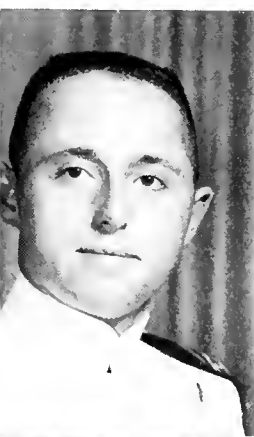


Fox, D. L.  
Franco, C. S.  
Frink, D. G.

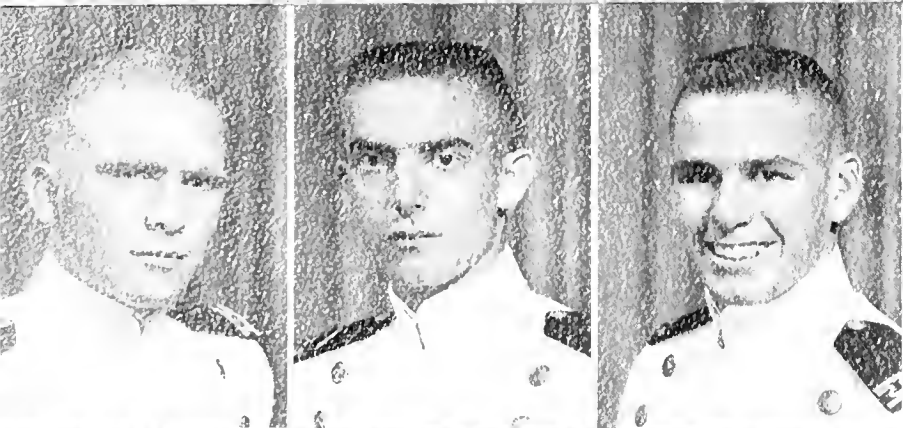


Emanuel, R. N.  
Felts, R. L.

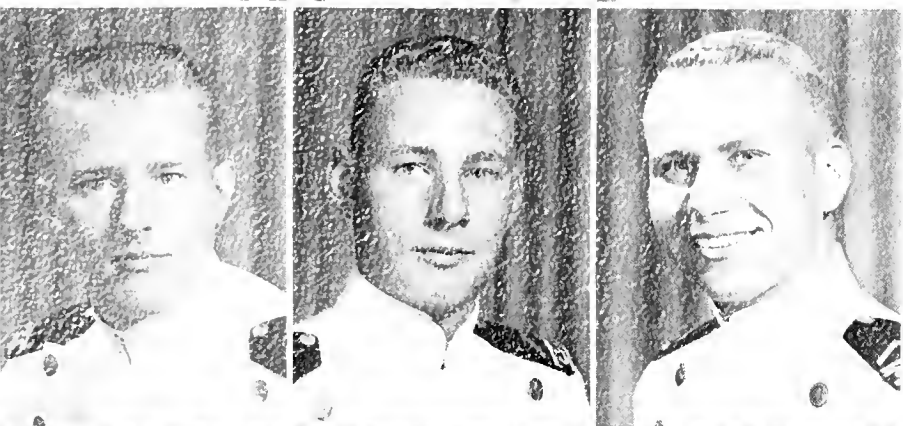
Engles, G. P.  
Fer, J.



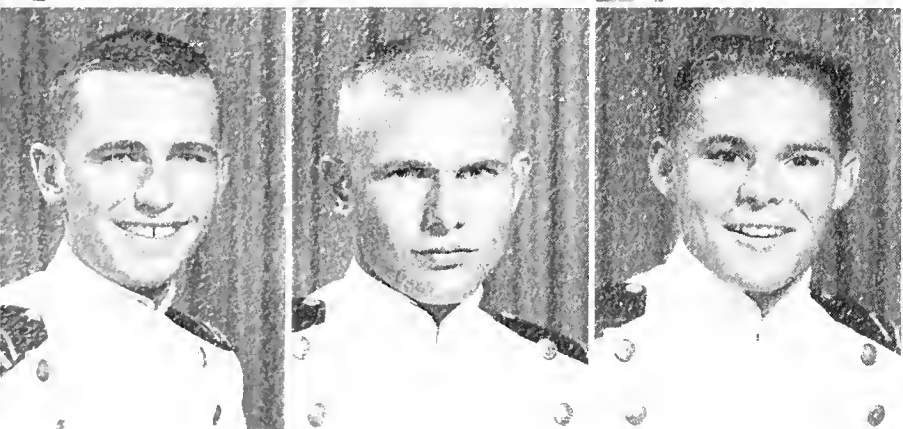




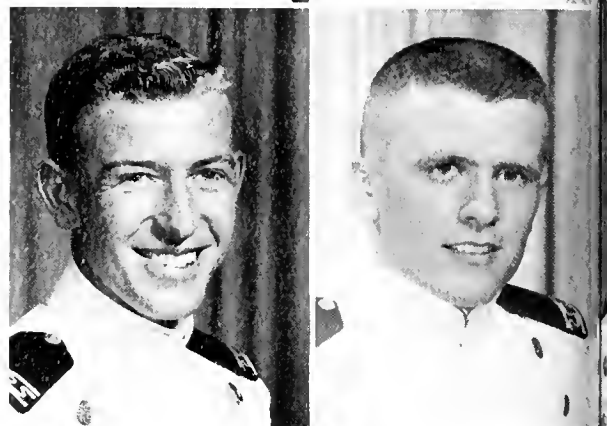
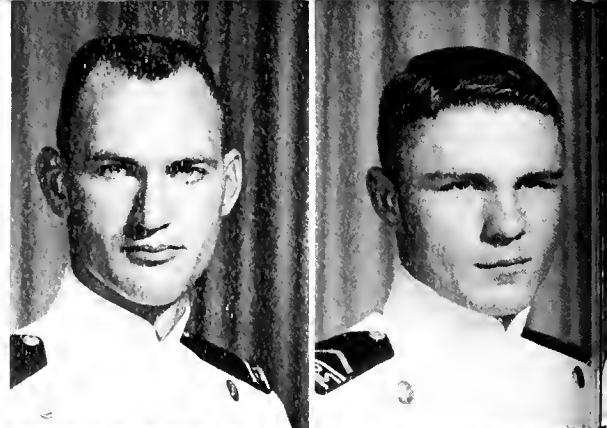
Fritz, N. H.  
Funk, E. C.  
Gabel, B. E.



Gallagher, J. P.  
Geiger, J. A., Jr.  
Gerken, F. E., Jr.



Gibson, R. F.  
Gillson, A. W.  
Gilmartin, R. T., Jr.



Goldsmith, M. L.  
Green, R. D.

Gooch, L. L.  
Griffey, T. H.

If Mom could see me now . . .

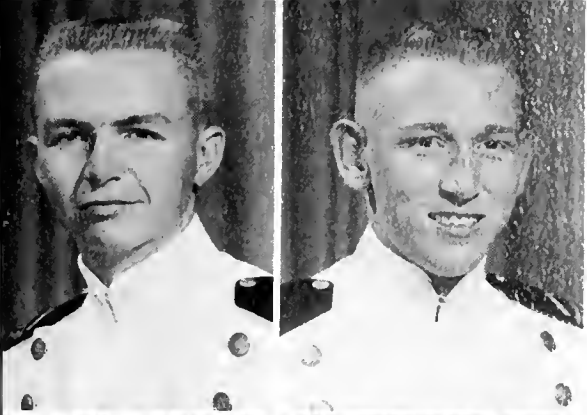


Wouldn't she be proud —

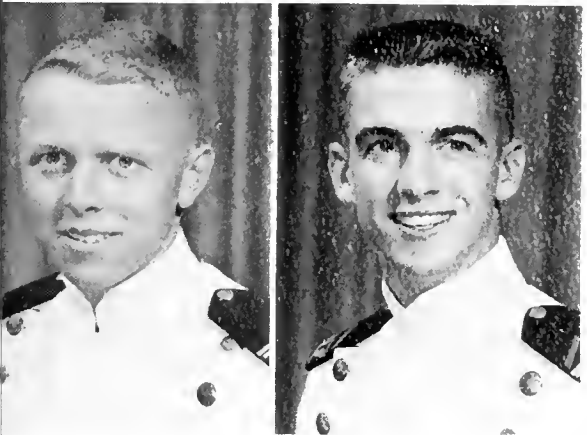


I'm a real live soldier!





Guilmartin, J. F., Jr.  
Hackney, R. R.  
Hale, C. E., Jr.

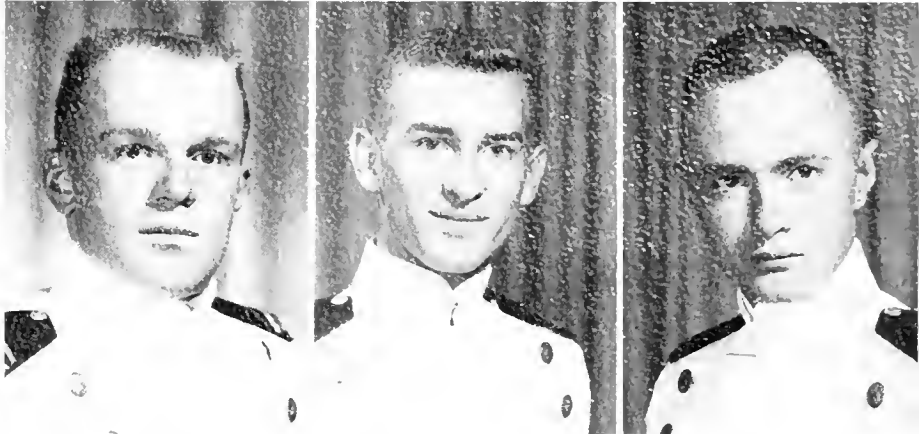


Hall, L. W.  
Hallager, D. J.  
Hamrick, G. R.



Goodenough, R. E.  
Griffin, C. F.

Gray, W. W., Jr.  
Griffin, C. W., Jr.



Harlan, D. L.  
Harmon, L. R.  
Harrison, G. B.



This was easier than the back fence.

We had many jolly times . . .



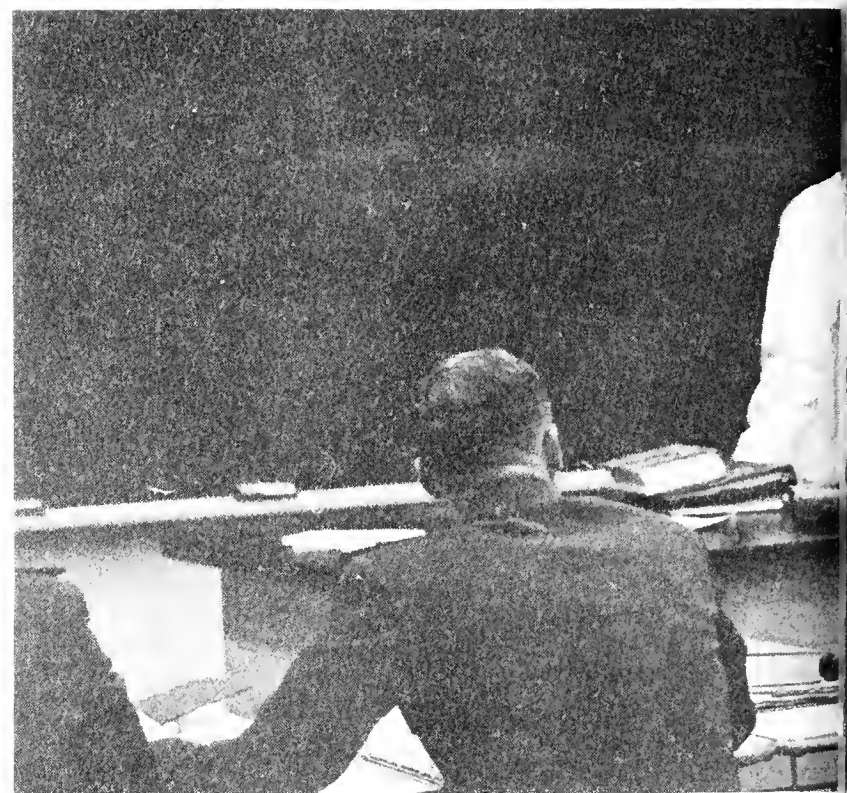
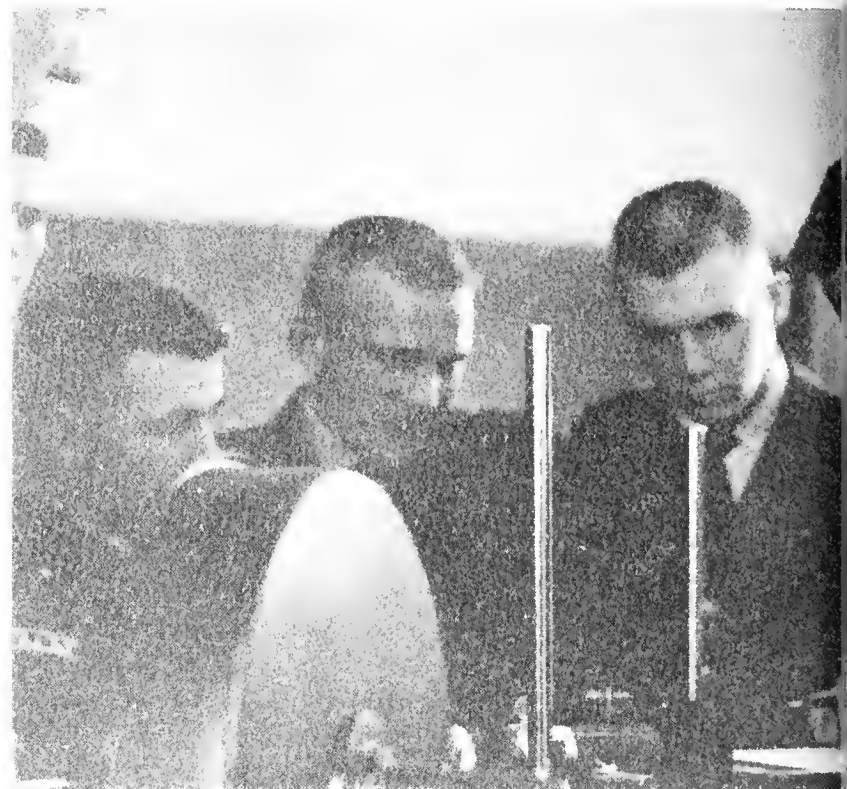
And participated in athletics.







They inspected now and then . . .



Instructed us



Harvey, W. T.  
Harwick, A. H.  
Haugen, W. J.



Hauschildt, J. C.  
Hauser, J. C.  
Hawkins, F. O.



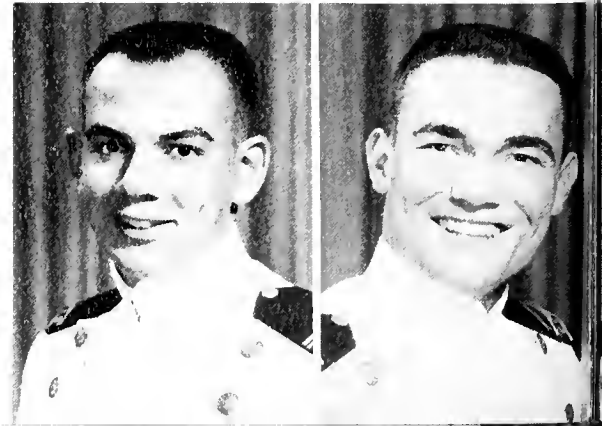
Heacox, D. J.  
Hendricks, J. E.  
Hendryx, F. L.



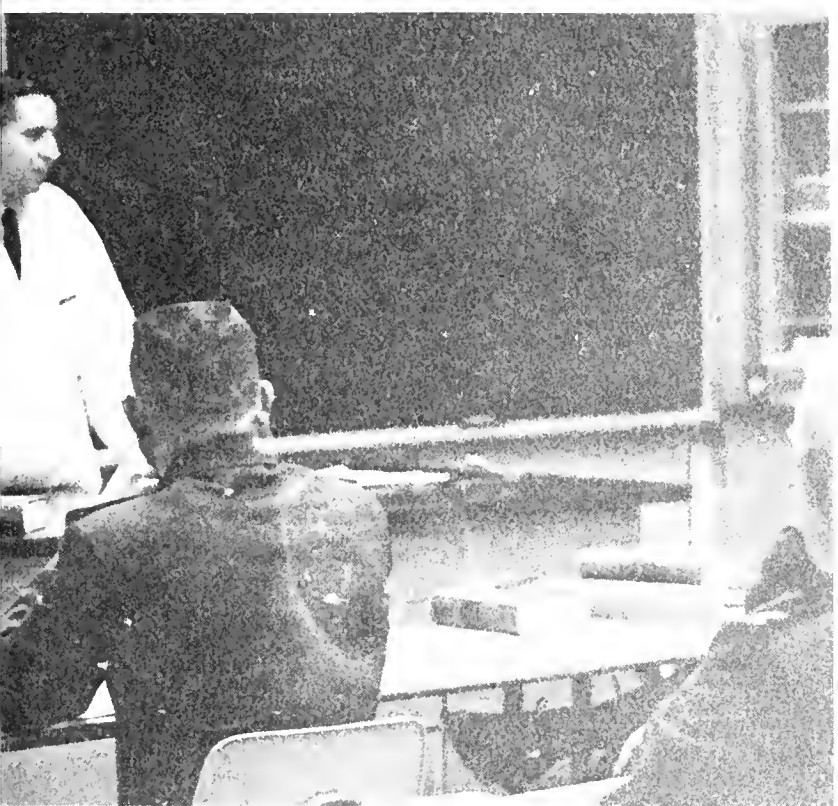
Henshaw, R. A.  
Hepburn, P. R., Jr.  
Herter, W. C.

Hertzog, R. B. E.  
Hoffert, R. L.

High, J. T.  
Hogan, W. E.



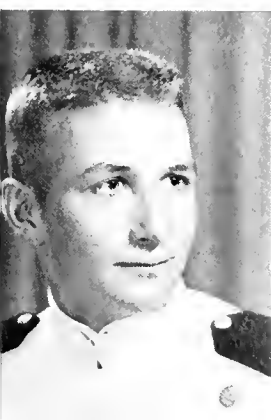




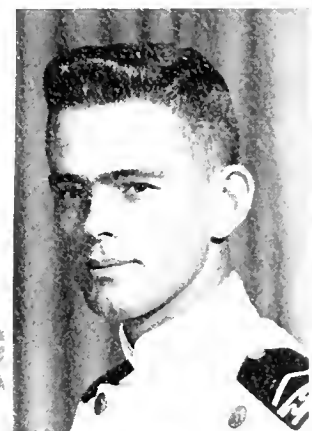
almost constantly . . .

Hines, J. V.  
Holbrow, W. F.

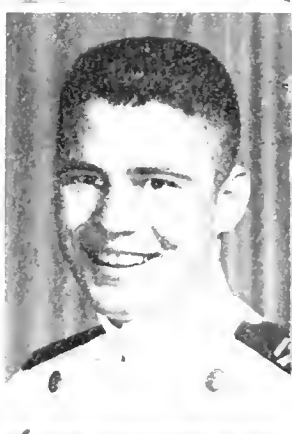
Hodgkinson, R. L.  
Holt, D. E.



Hopkins, R. S.  
Hornaday, R. J., Jr.  
Horsburgh, H. R.



Howell, W. P.  
Hudson, H. L.  
Hughes, M. B.



Huntsman, R. J.  
Hutchinson, D. L.  
Hutchison, T.



Induni, M. L.  
Jackson, E. A.  
Jamba, J. W.



But we remained unconfused.





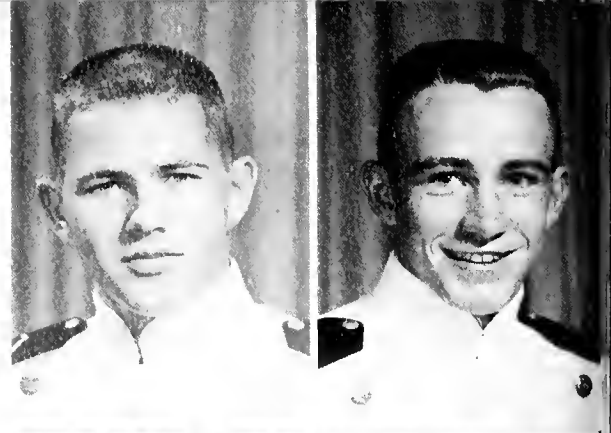
Jasper, J. P.  
Jefferson, W. T. A.  
Jensen, L. O.



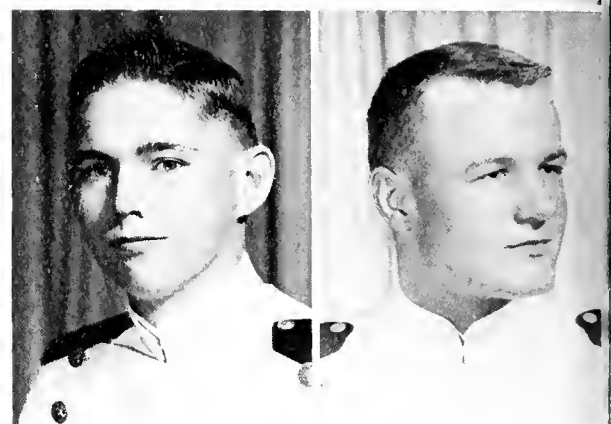
Jensen, N. D.  
Johnson, L.  
Johnson, R. K.



Johnson, R. R.  
Johnson, R. K.  
Johnson, B. W.



Johnston, C. H.  
Kennedy, J. D.



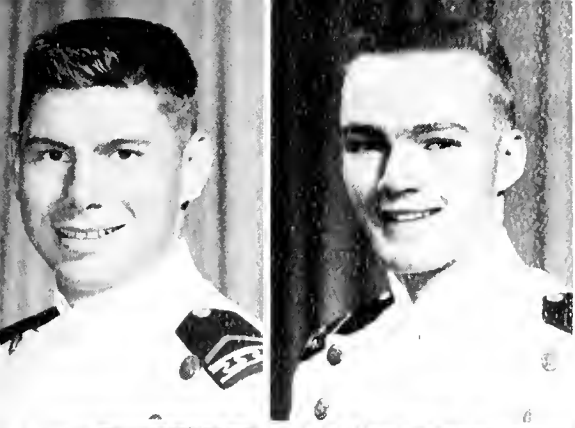
Keaney, T. A.  
Kennedy, T. M.

But we did find solitude . . .

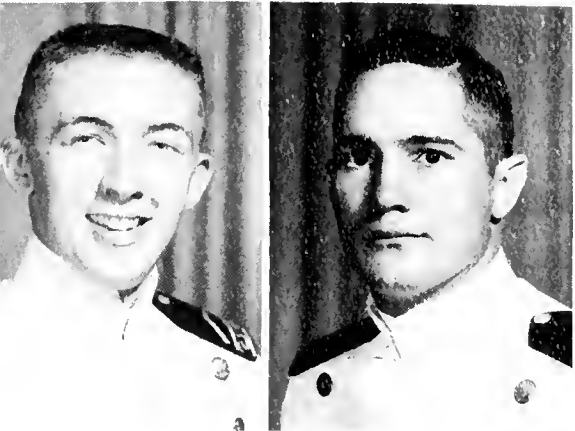


The normal pace was hectic.





Keyes, A. L.  
Kirk, C. R. B.  
Kittelson, K. K.



Klass, R. L.  
Knipp, W. N.  
Krebs, R. G.



Keck, H. G.  
Kepner, D. A.

Keighery, R. P.  
Keppen, K. H.

Kuchlewski, R. J.  
Lammers, K. E.  
Lancaster, L. T. G.



In various hidden corners.



And always, Big Brother was watching.





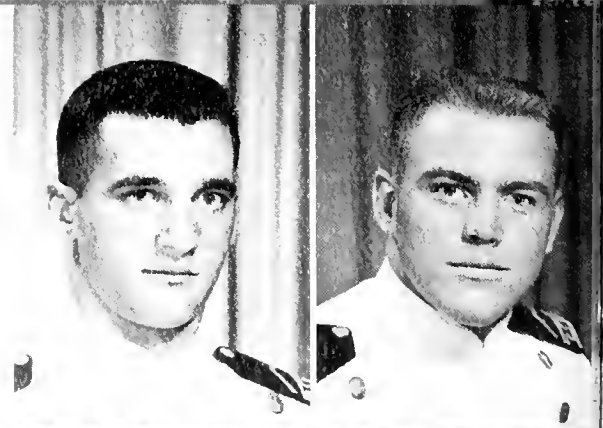
Landers, P. E., Jr.  
Lannon, R. G.  
Larson, C. A.



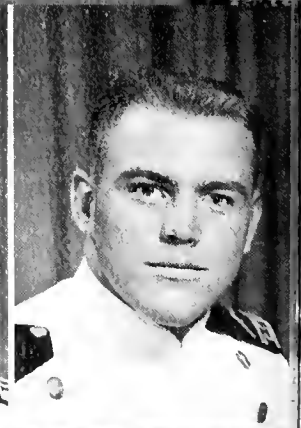
Larson, G. W., Jr.  
Lee, D. R.  
Lenox, H. T.



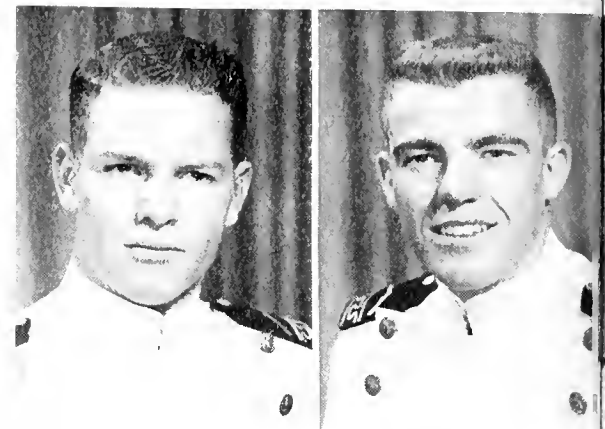
Lentz, G. D.  
Lightsey, R. H.  
Lorenzini, D. A.



Loyacono, P. K.  
Lyon, D. C.



Luebbermann, J. N.  
Mack, J. E.



But meanwhile . . .

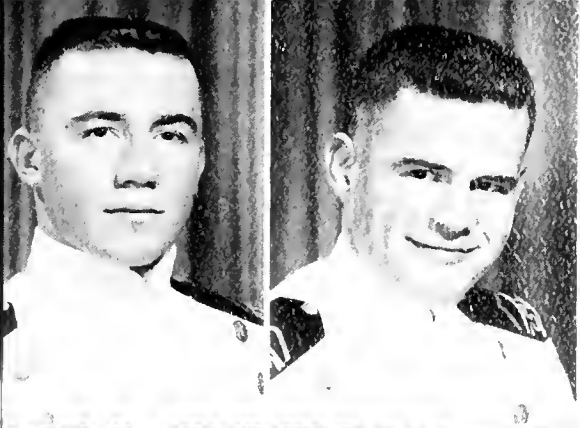
Operation "PCS Falcon" — coming up!



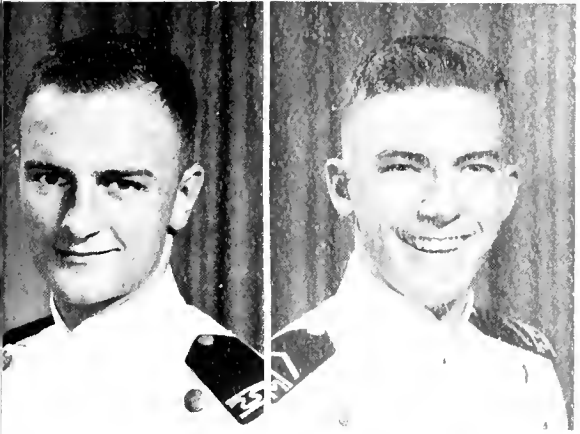
We enjoyed Denver's social life.



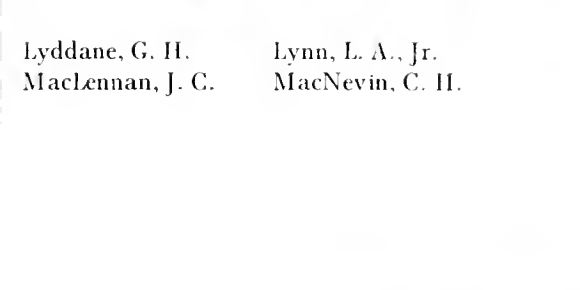




Mages, J. G.  
Major, M. G.  
Mangold, R. T.



Mannion, W. H.  
Marshall, L. W.  
Martin, H. P.



Lyddane, G. H.  
MacLennan, J. C.

Lynn, L. A., Jr.  
MacNevin, C. H.

Martinelli, E. A.  
McAtee, T. P.  
McClintock, R. M.



At that time we had nothing but hopes.

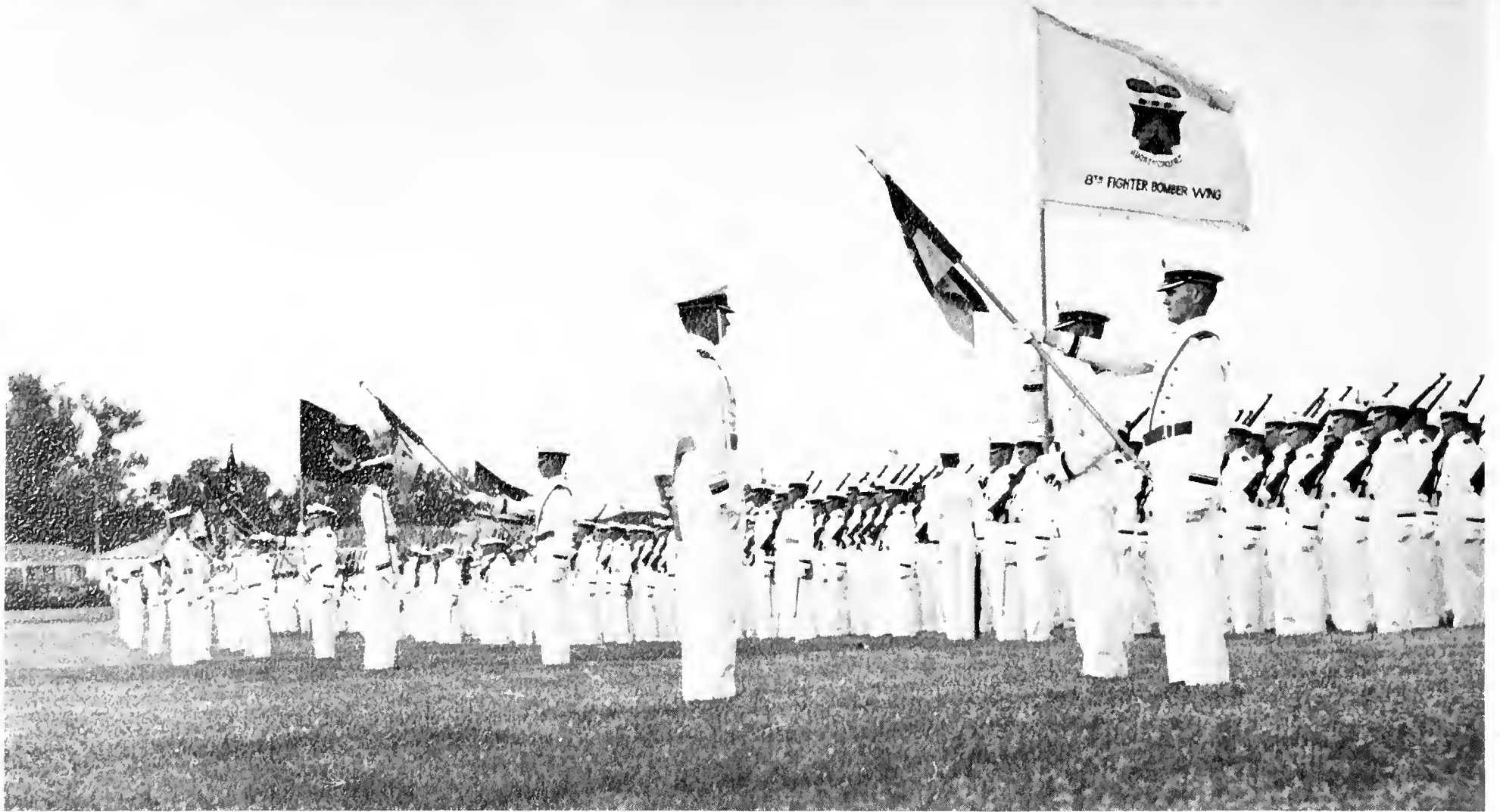


Mr. Figma and his musickers.

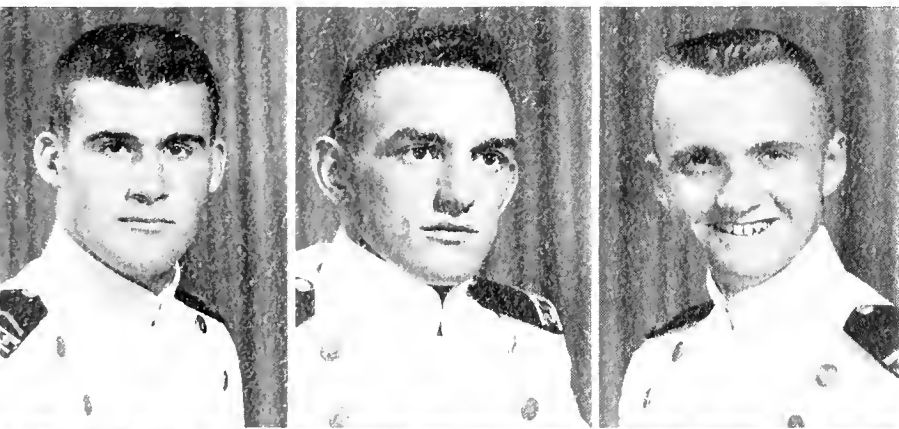


The fireman's ball.

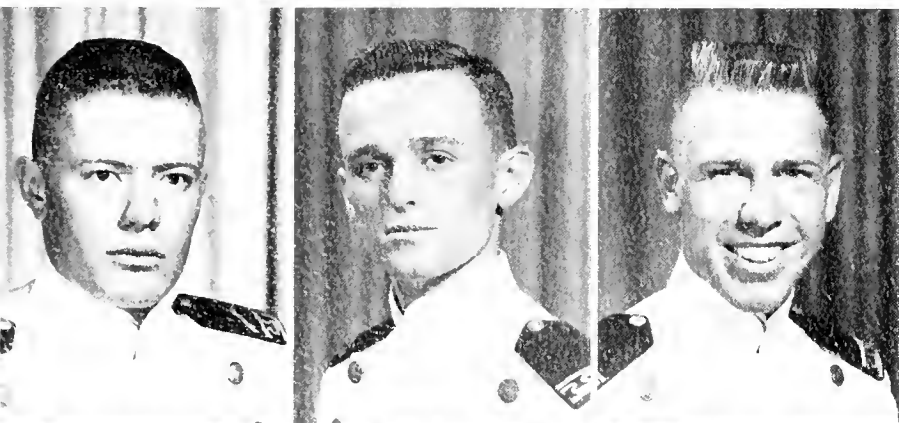




Like magic . . . the long Gray Line turns white.



McConnell, D. E.  
McDonough, R. L.  
McHugh, E. D.



McNaughton, R. J.  
Merkel, P. A.  
Mettler, S. C.



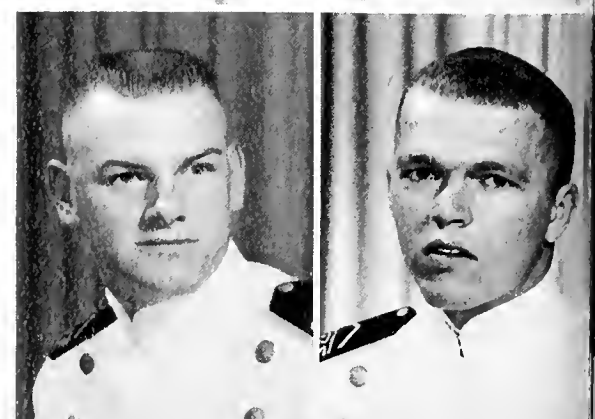
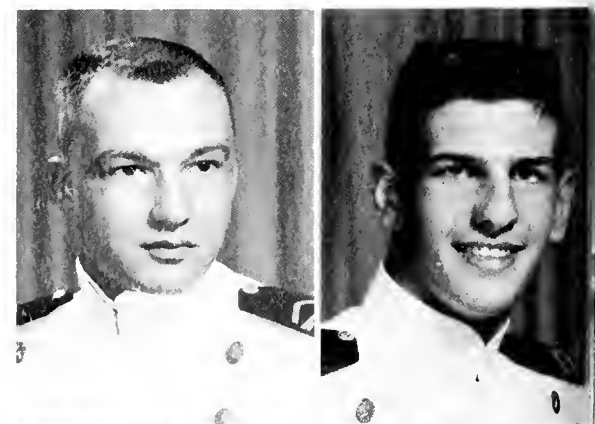
Meyers, R. T.  
Mickel, R. S.  
Miko, J. F.



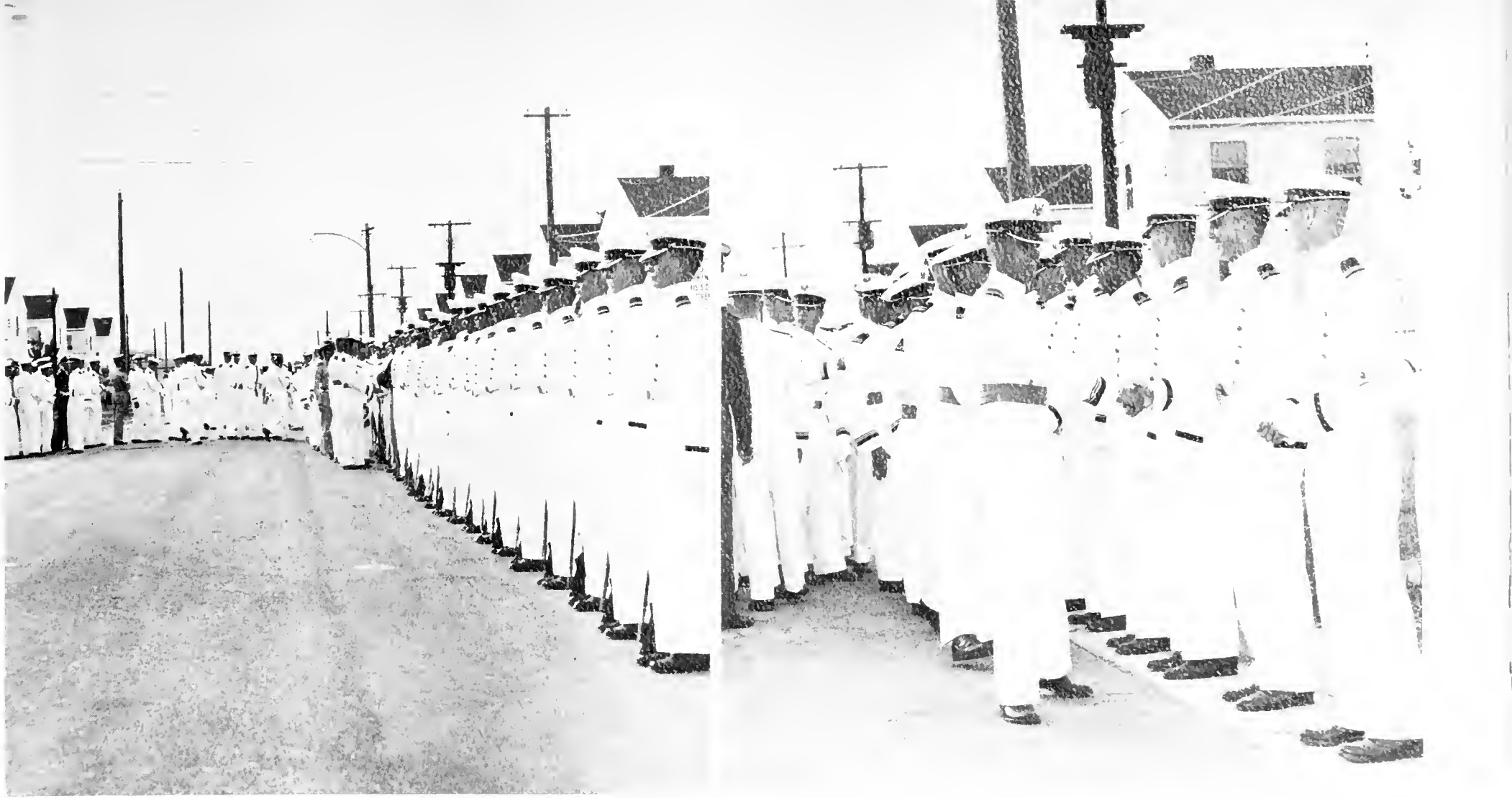
Moore, C. L.  
Moore, T. K.  
Mosher, A. L.

Motekew, E. W.  
Netzinger, D. L.

Nagy, J. E., Jr.  
Newman, E. C.

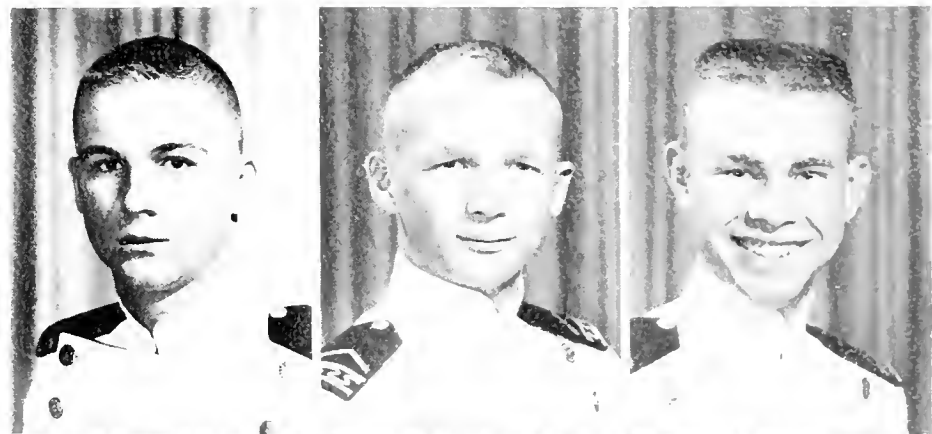




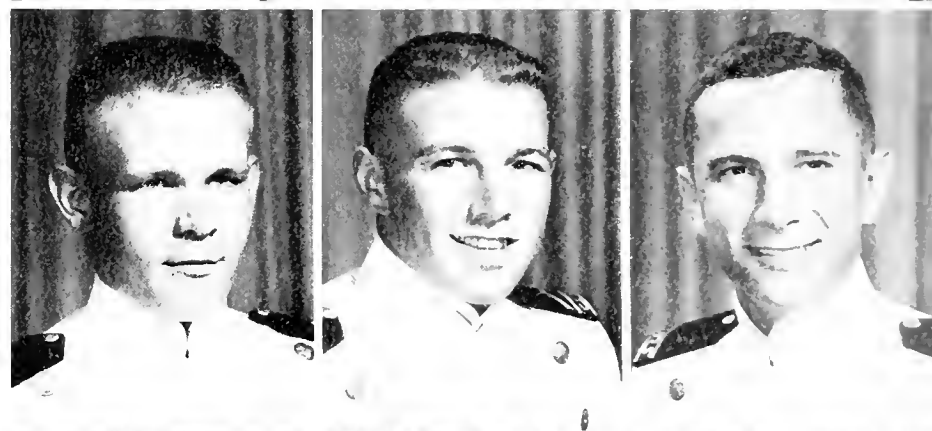


"Busting the MACH" — recognition day at last.

Nielson, S. W.  
Niemi, N. N.  
Noble, D. G.

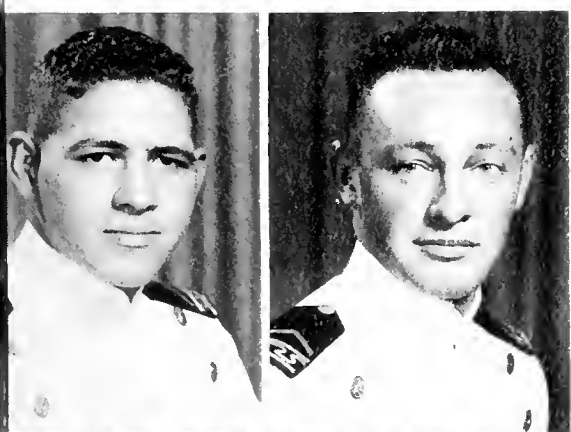


Ohman, N. B.  
Olson, D. F.  
Olson, D. G.



Needham, K. E.  
Nichols, H. F.

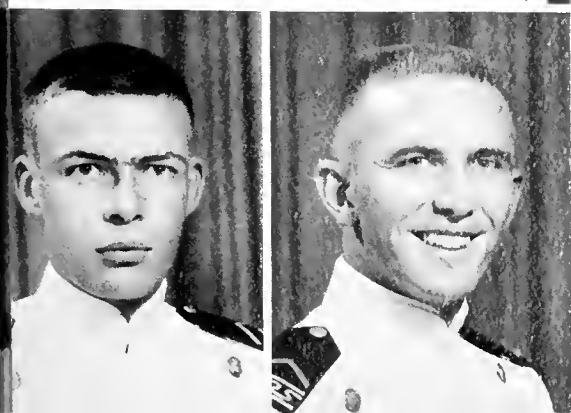
Neff, T. A.  
Nichols, J. L.



O'Rourke, W. R., Jr.  
Owens, B. C.  
Pacina, G. C.



Paddon, H. G.  
Page, E. G.  
Paquet, R. D.





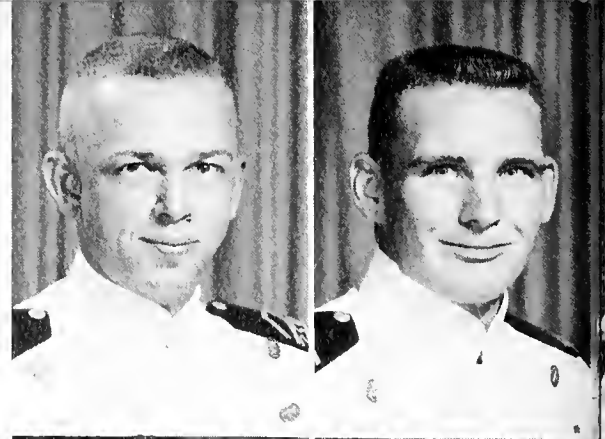
Parker, R. C.  
Parker, R. H.  
Patrie, S. A., Jr.



Patton, R. B.  
Peck, G. R., Jr.  
Pederson, D. J.



Pemberton, D. H.  
Perlotto, R. E.  
Peterson, W., Jr.



Pirtle, P. E.  
Qualey, J. P., Jr.



Polk, J. G.  
Quinton, M. E.

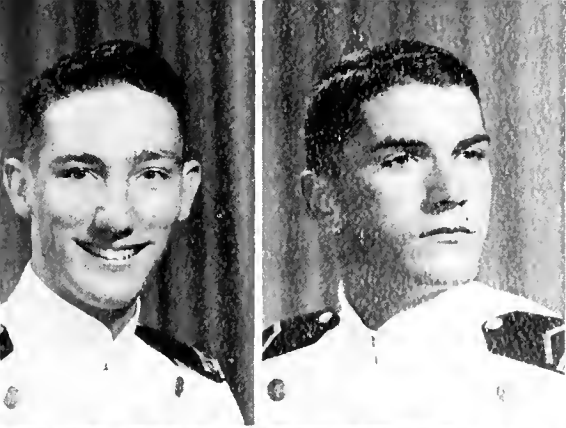
The Gung-Ho gladiators of '62 . . .



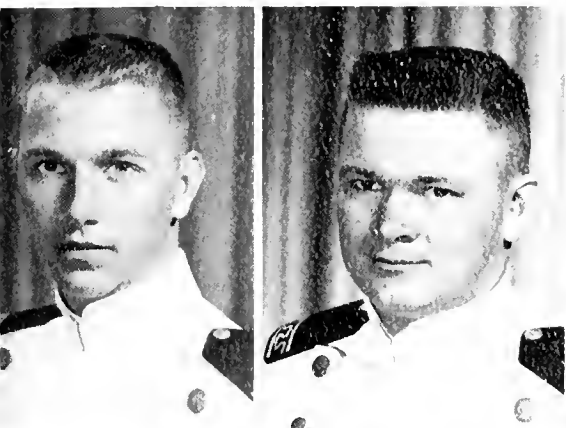
Take over —







Rausch, J. T.  
Reed, W. H.  
Reeves, R. J., Jr.



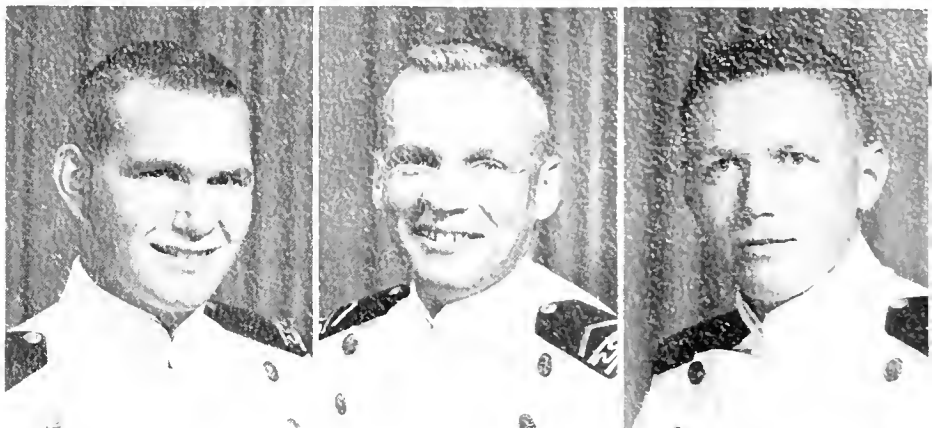
Rentenbach, T. M.  
Rhoades, R. S.  
Rhoades, T. S.



Pressley, T. L.  
Ramsey, R. A.

Price, C. S.  
Randall, R. T.

Rhodes, H. W.  
Richardson, C.  
Robbins, E. L.



We discovered it takes a special brand of courage.

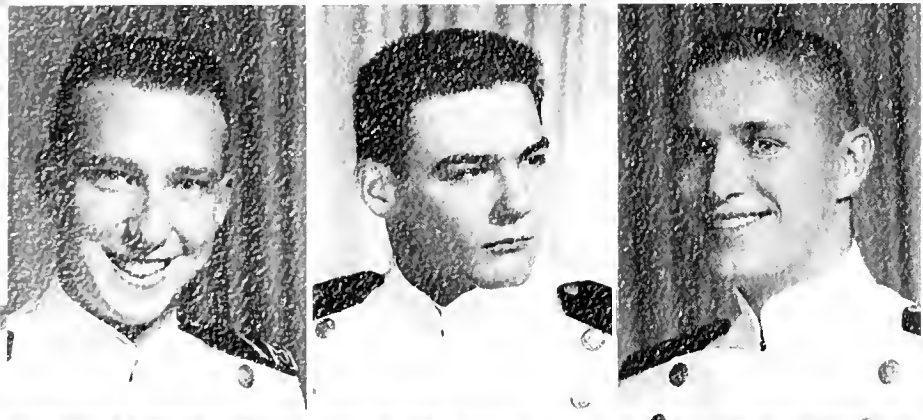
— where we left off.



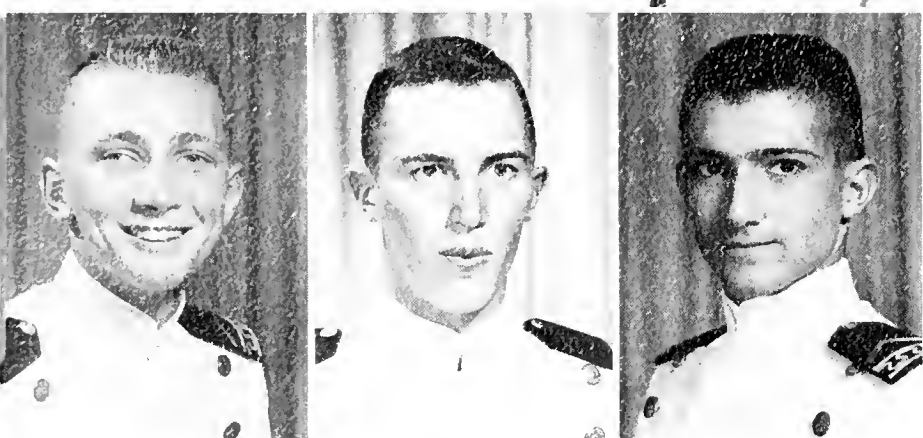




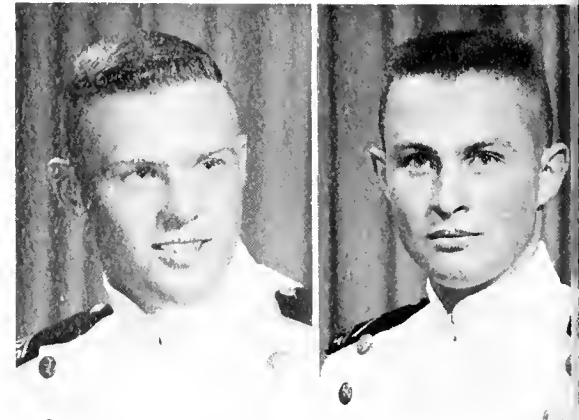
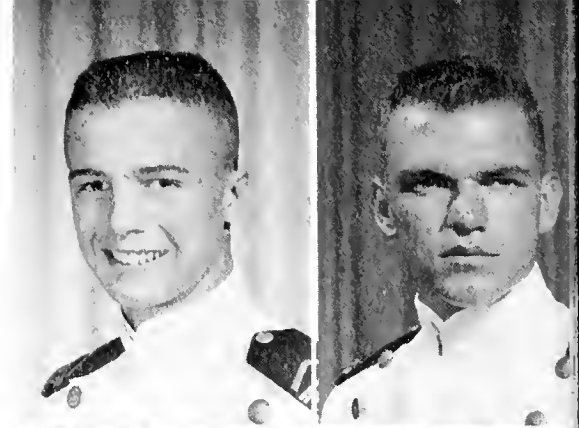
Robbins, W. G.  
Robinson, P. K., Jr.  
Robinson, P. D.



Roderick, N. F.  
Roe, D. H.  
Rogers, J. H., Jr.



Rokke, E. J.  
Ryan, P. C.  
Scauzillo, R. J.



Schaller, R. C.  
Schoof, R. J.

Schamberger, R. L.  
Searl, C. W.

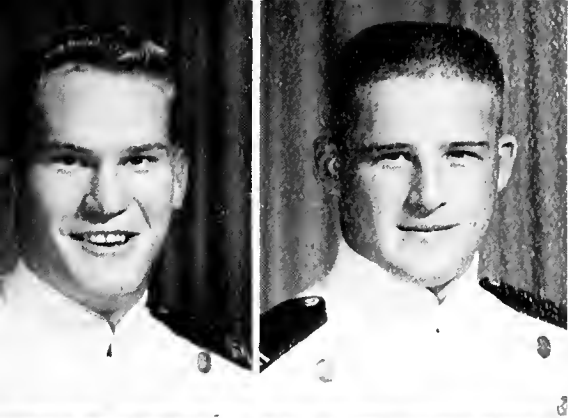
We take our first step on . . .



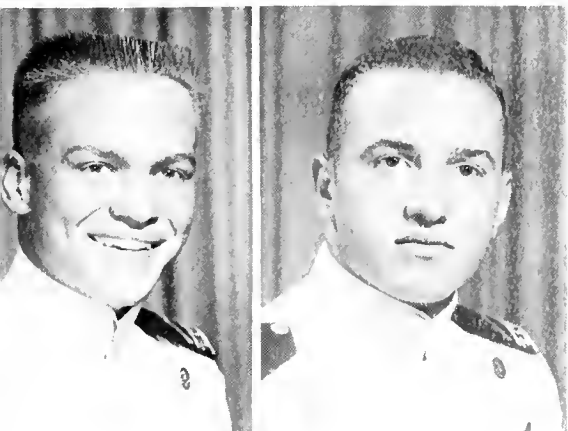
The long road to C.B.R. one-o-fives.



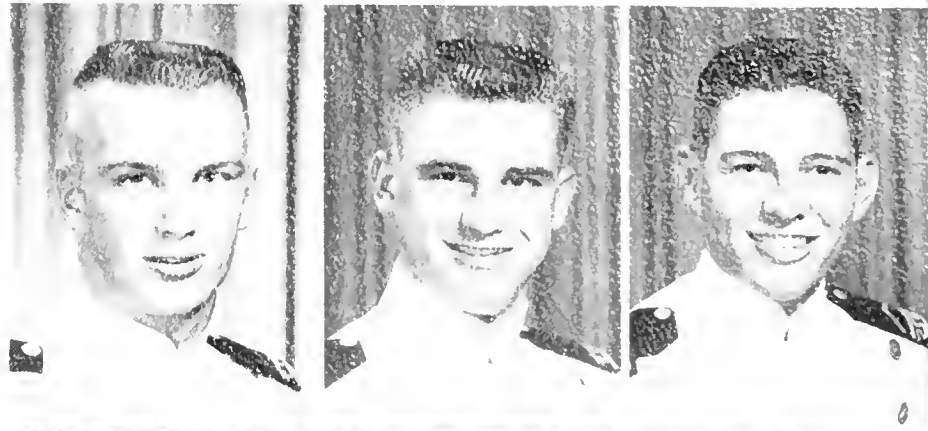




Sellers, D. A.  
Shepperd, D. W.  
Sher, F. P.



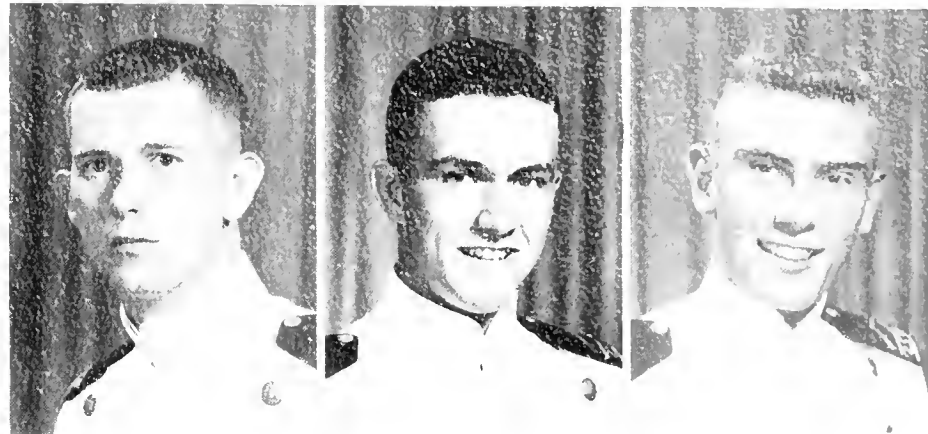
Sievers, R. I.  
Sigman, A.  
Singleton, J. A.



Schaumberg, R. S.  
Seibert, N. F. A.

Schieber, M. T.  
Sell, R. H.

Smith, F. K.  
Smith, J. L.  
Smith, J. E.



As you were on the last number — make it one-o-twas!

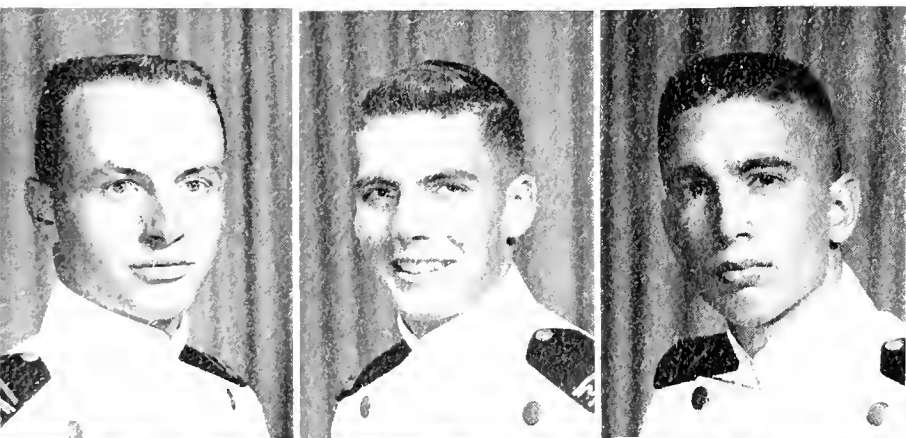




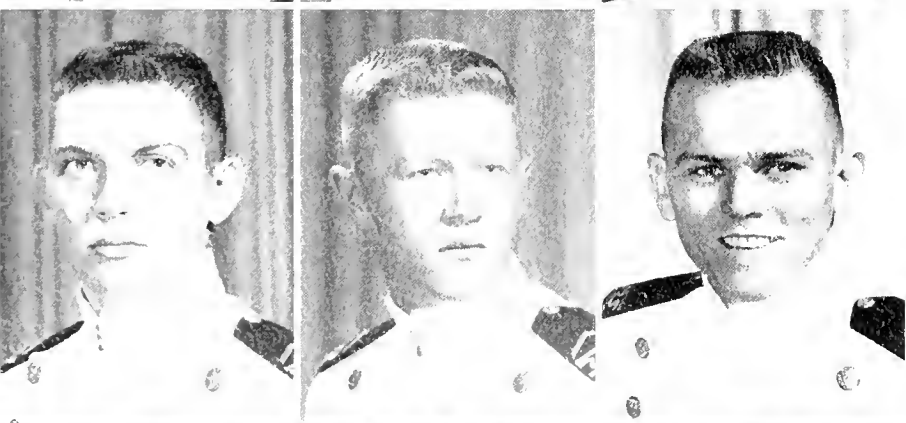
London has its "Big Ben" — AFA too.



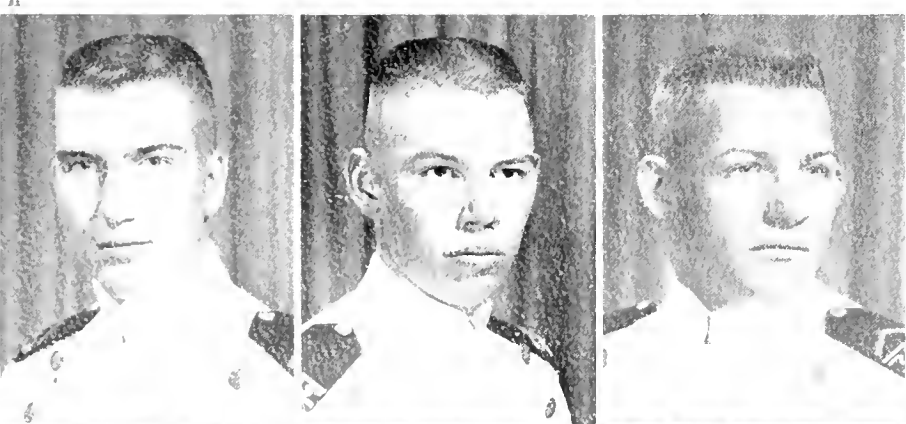
Speakin' of Europe —



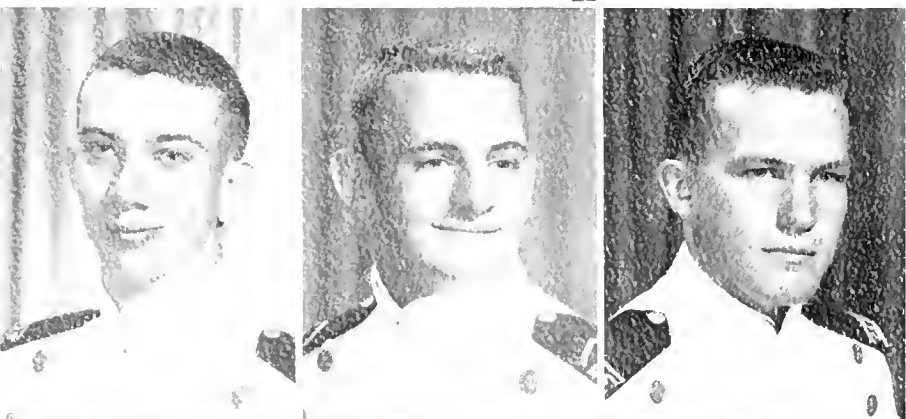
Smith, M. D.  
Smith, R. T.  
Smull, R. N.



Snyder, W. D.  
Soland, N. R.  
Spicer, E. L.



Spory, R. M., Jr.  
Stafford, R. W., Jr.  
Staib, R. L.

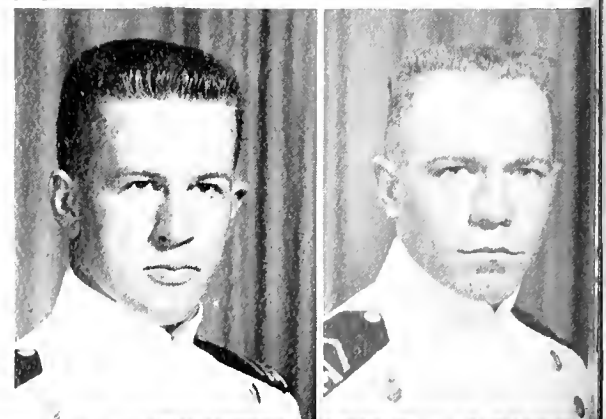
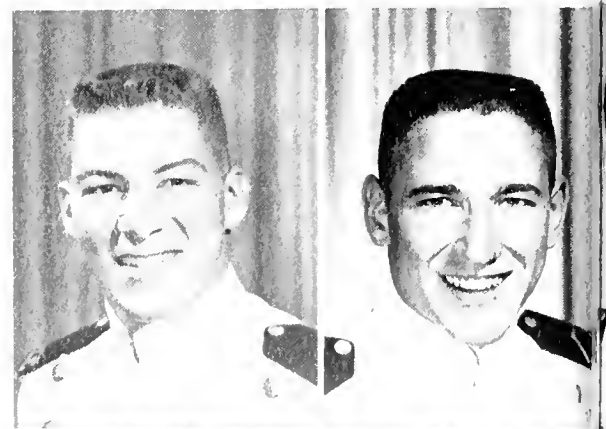


Stanton, E. J.  
Staples, J. R.  
Starkey, J. L., Jr.



Summerfelt, M. F.  
Taylor, R. L.

Svitenko, L.  
Taylor, R. G.





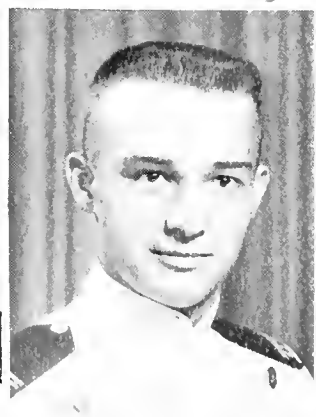
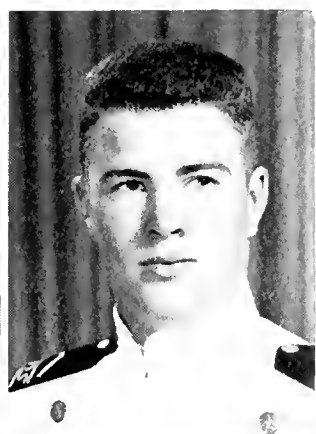


Try this shape for size.



Svitenko, L. C.  
Thompson, G. M.

Swanson, J. C.  
Tice, C. D.

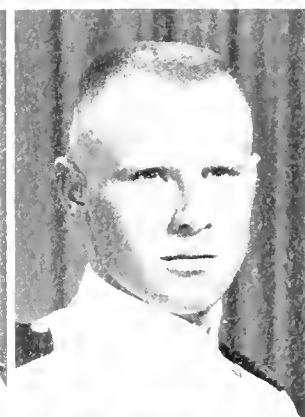


London's Defenders — 15 years later.

Tietge, M. R.  
Tocado, D. M.  
Toffel, G. J.



Tomlin, T. N.  
Travis, D. T.  
Tubbs, R. C.



Tupper, N. G.  
Turner, C. L.  
Urban, F. R.

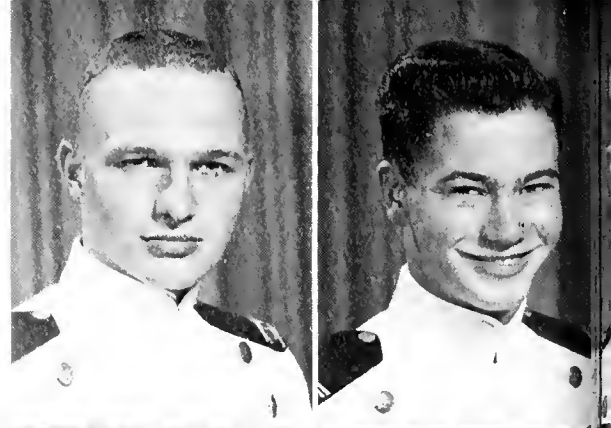


Van Roo, J. R.  
Vaughan, D. K.  
Viccellio, H.

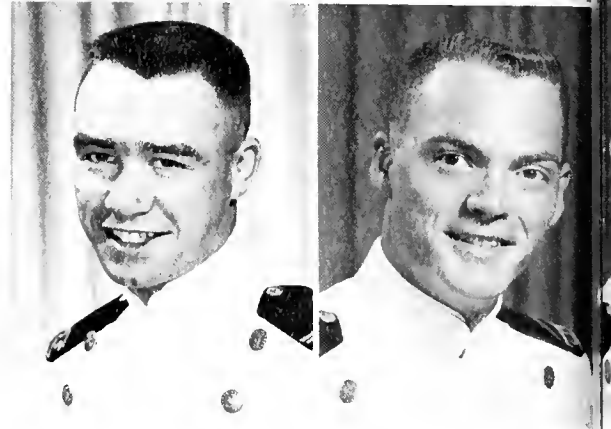




Watson, D. D.  
Weatherhead, H. J.  
Wedemeyer, A. C.



Weight, R. H.  
Westhorp, D. C.  
Wheeler, E. D.



Williams, M. R.  
Wilson, L. E.

Williams, R. A.  
Wilson, M. A.



Wheeler, R. C.  
Whitman, D. S.  
Whitted, J. M.



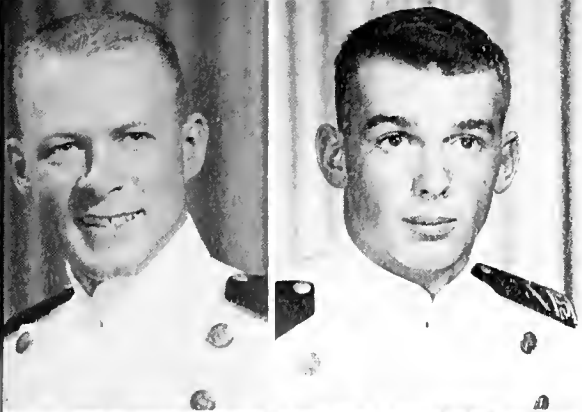
Wicklein, W. A.



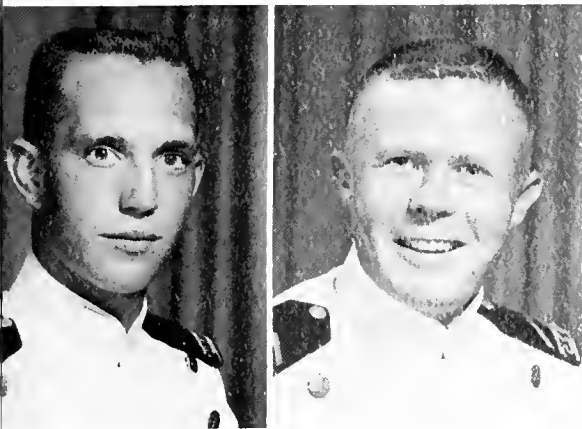
"Blue-Blooded Tigers" in Europo.



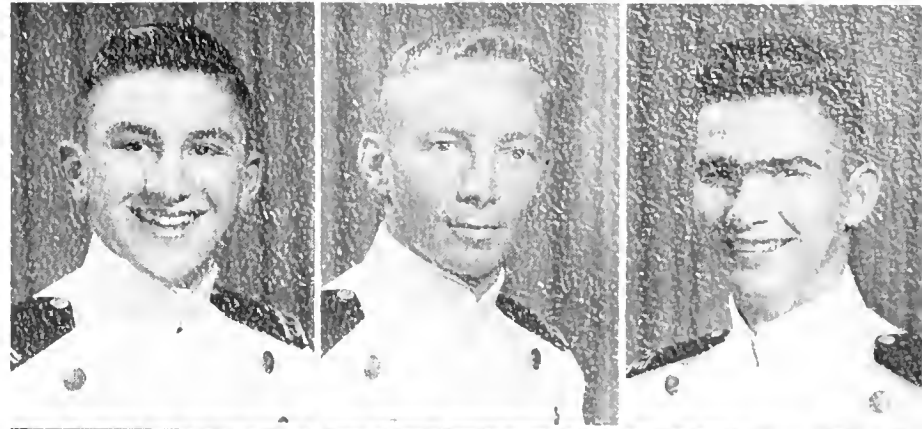




Wood, J. M.  
Wood, V. M.  
Wood, W. S., Jr.

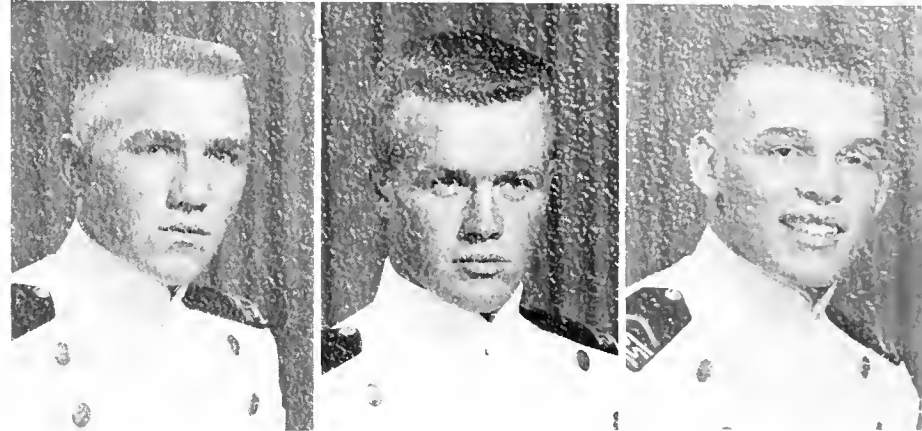


Woodworth, C. E.  
Wright, L. L., Jr.  
Wylie, A. R.



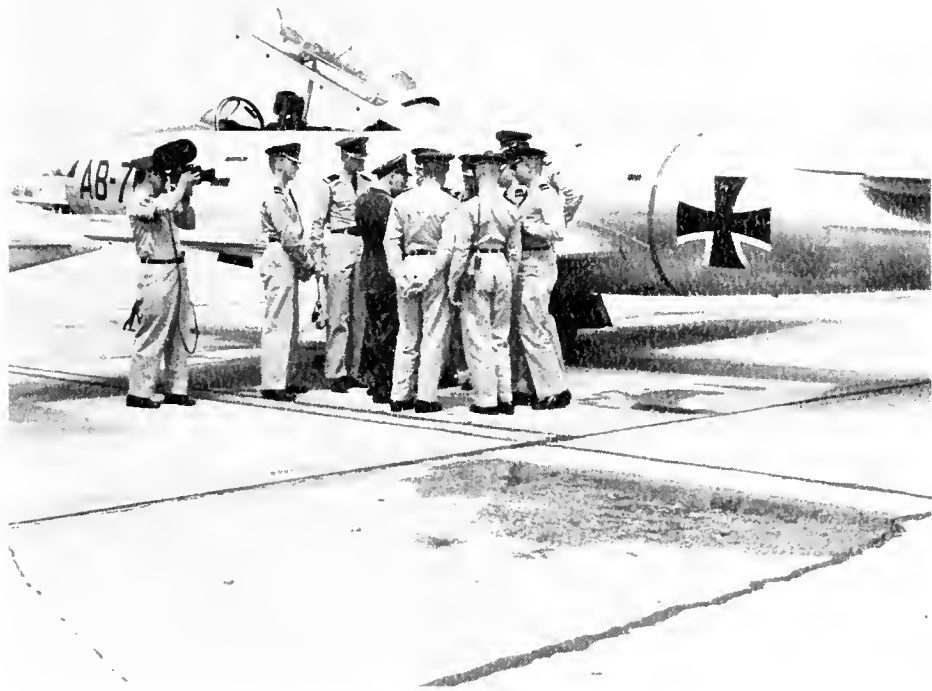
Wilson, G. D.  
Wise, J. M.

Wilson, G. S.  
Wood, D. P.



Young, G. T.  
Young, J. J., Jr.  
Zaleski, J. R.

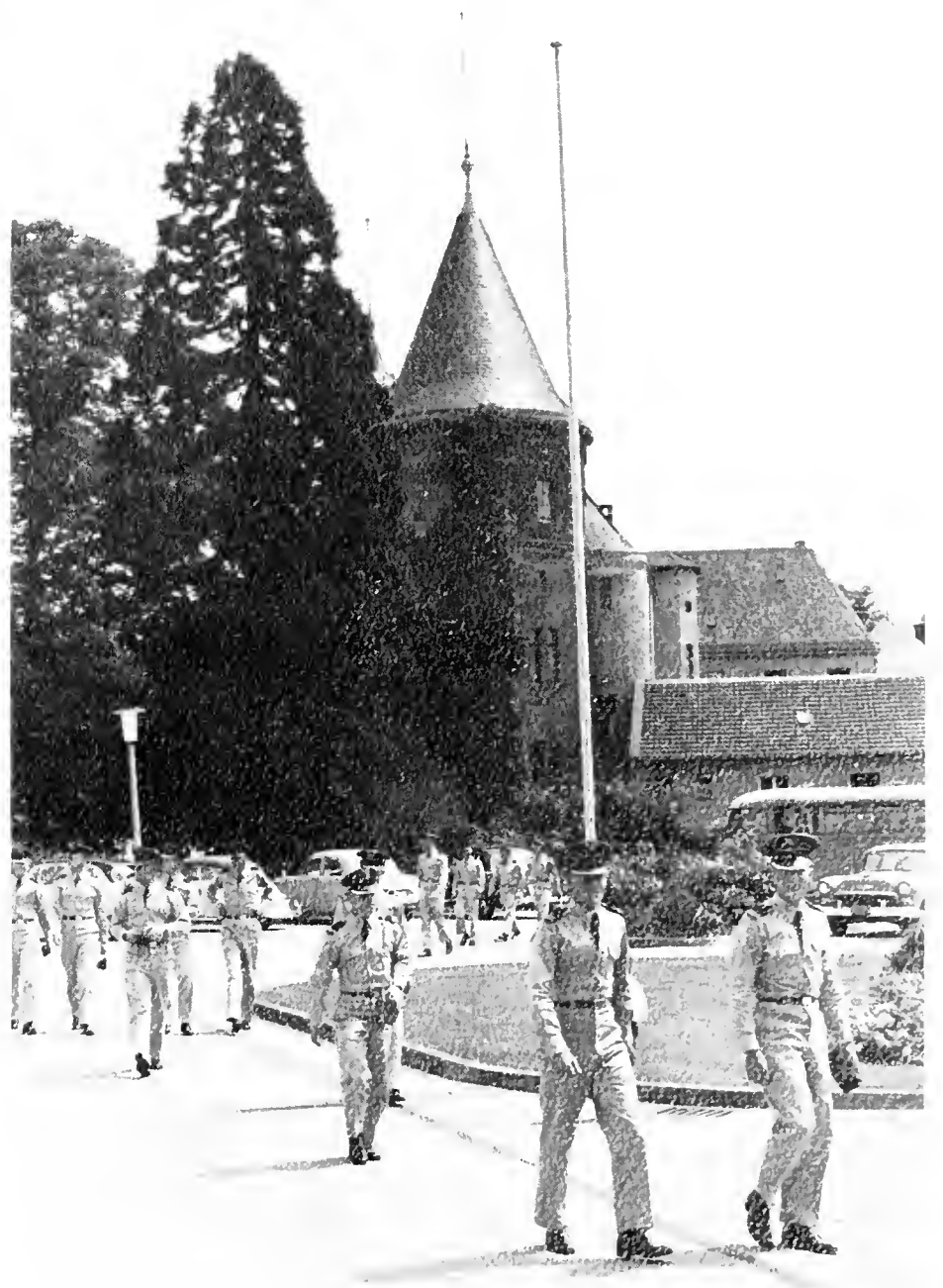
Lackheed à la Deutschland . . .



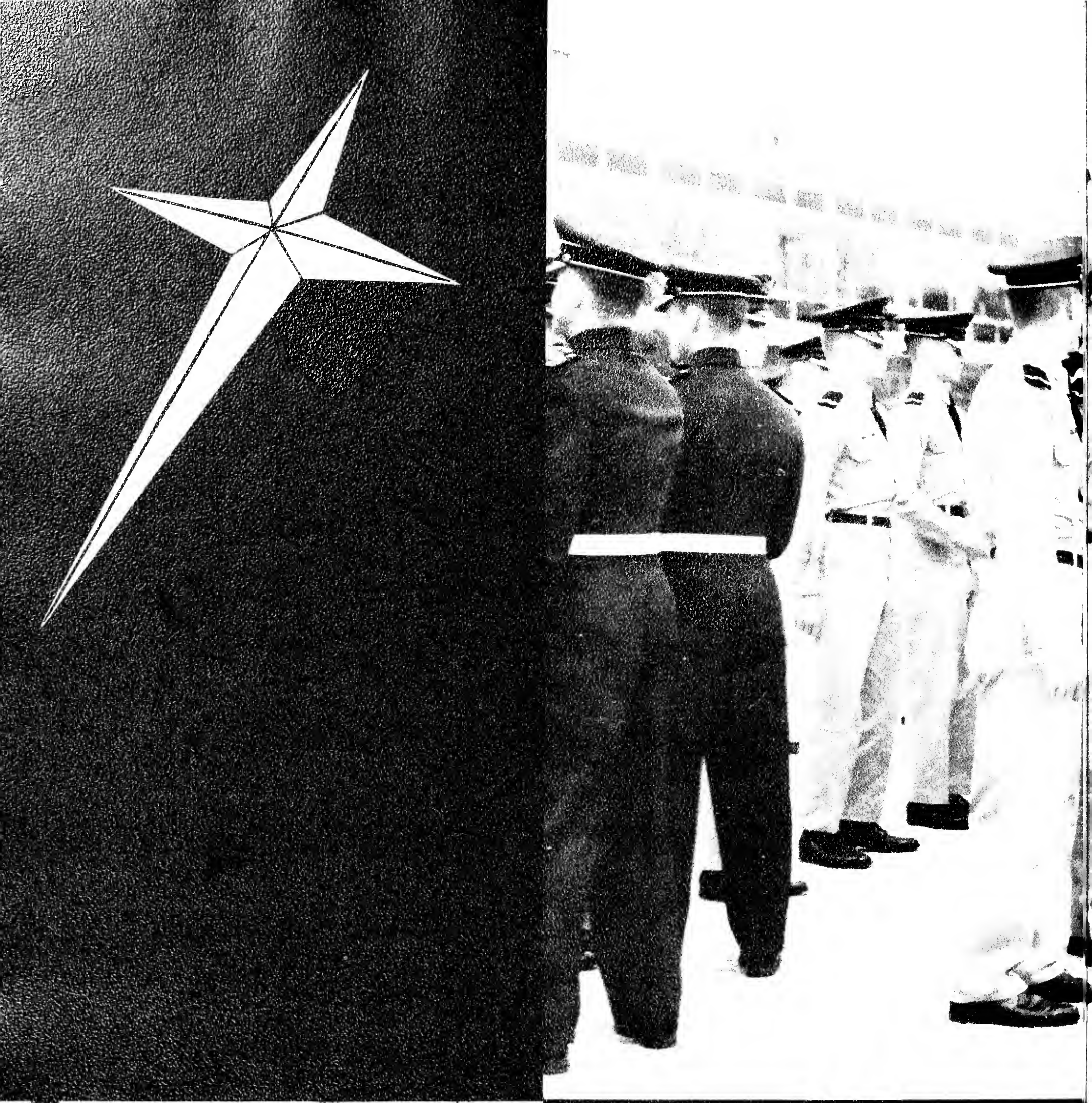
Mit der "hercul-hund."



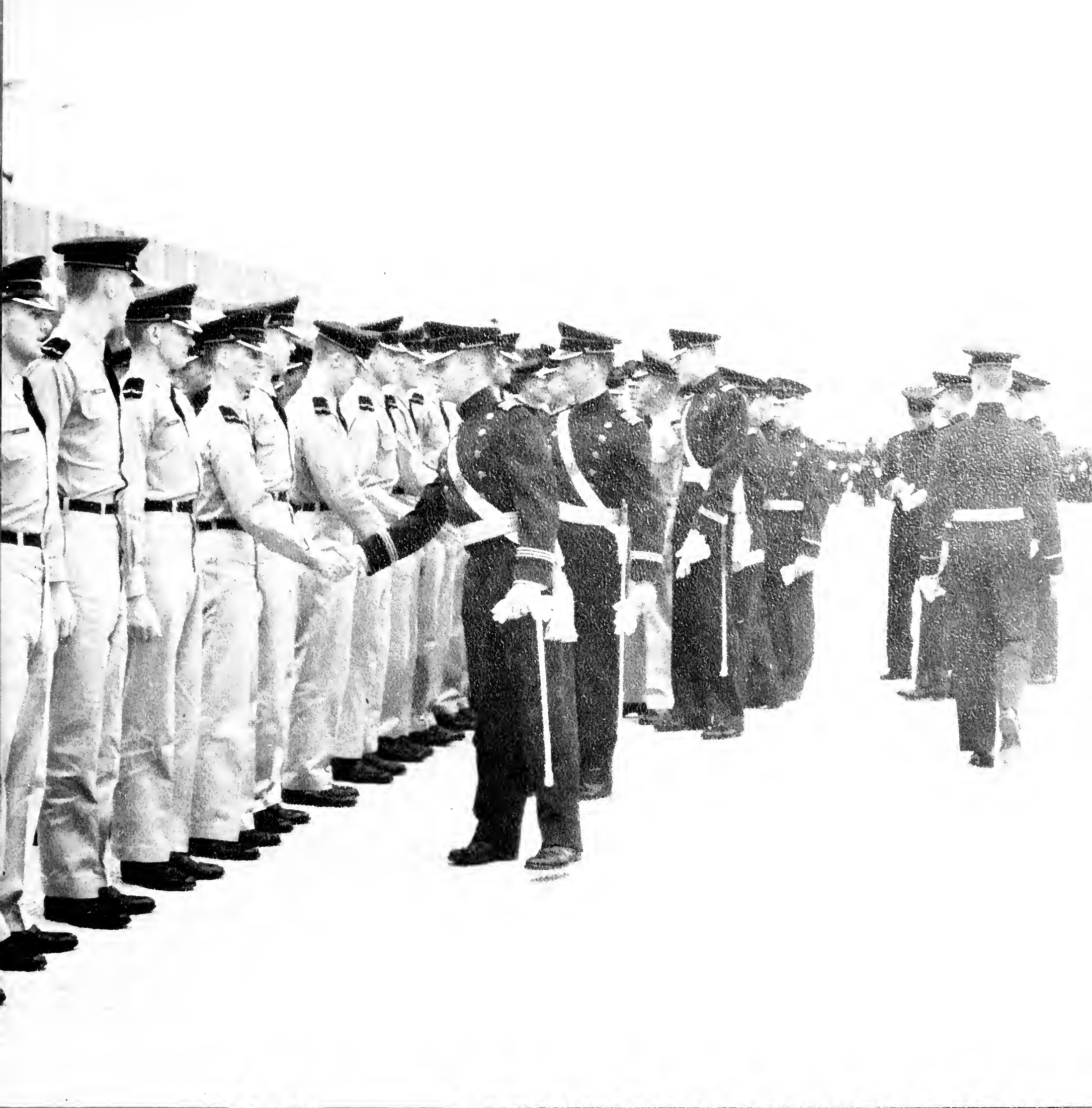
Hause w/pointed roof.





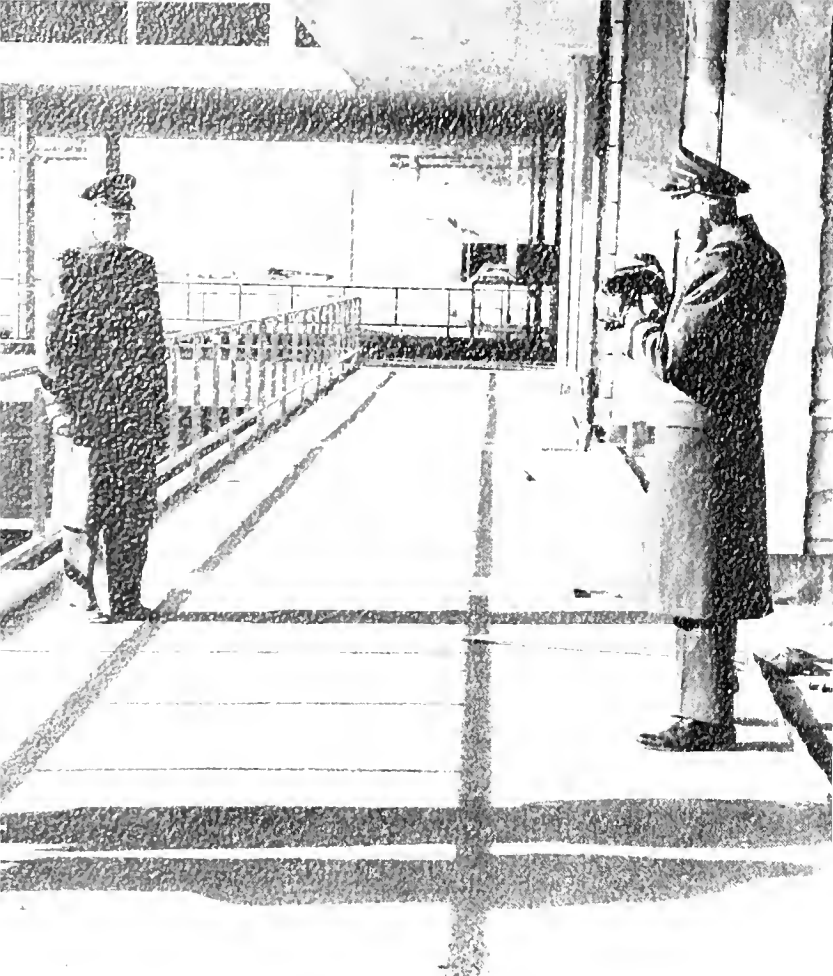




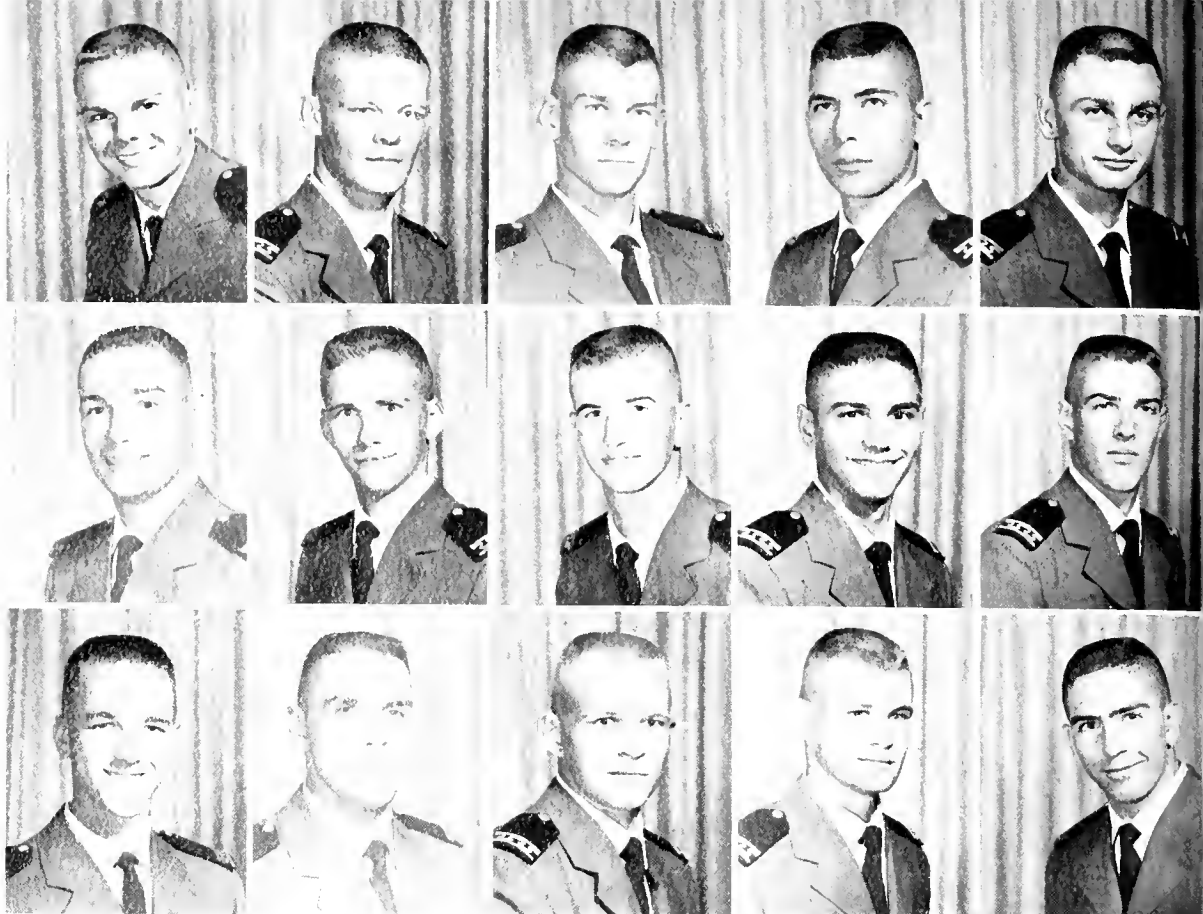


**Class of 1963**





Moving in.



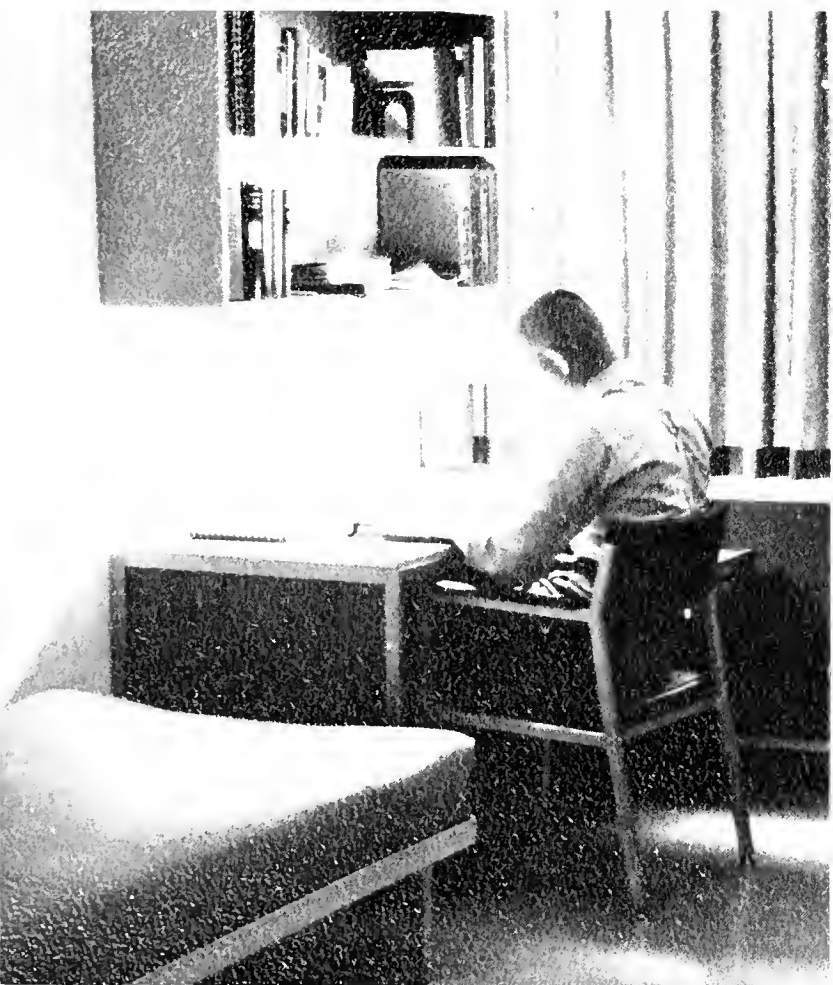
Ackley, F. W.  
Anderer, A. M.  
Arnold, R. L., III

Adams, A. P.  
Anderson, R. A.  
Arshinkoff, N. T.

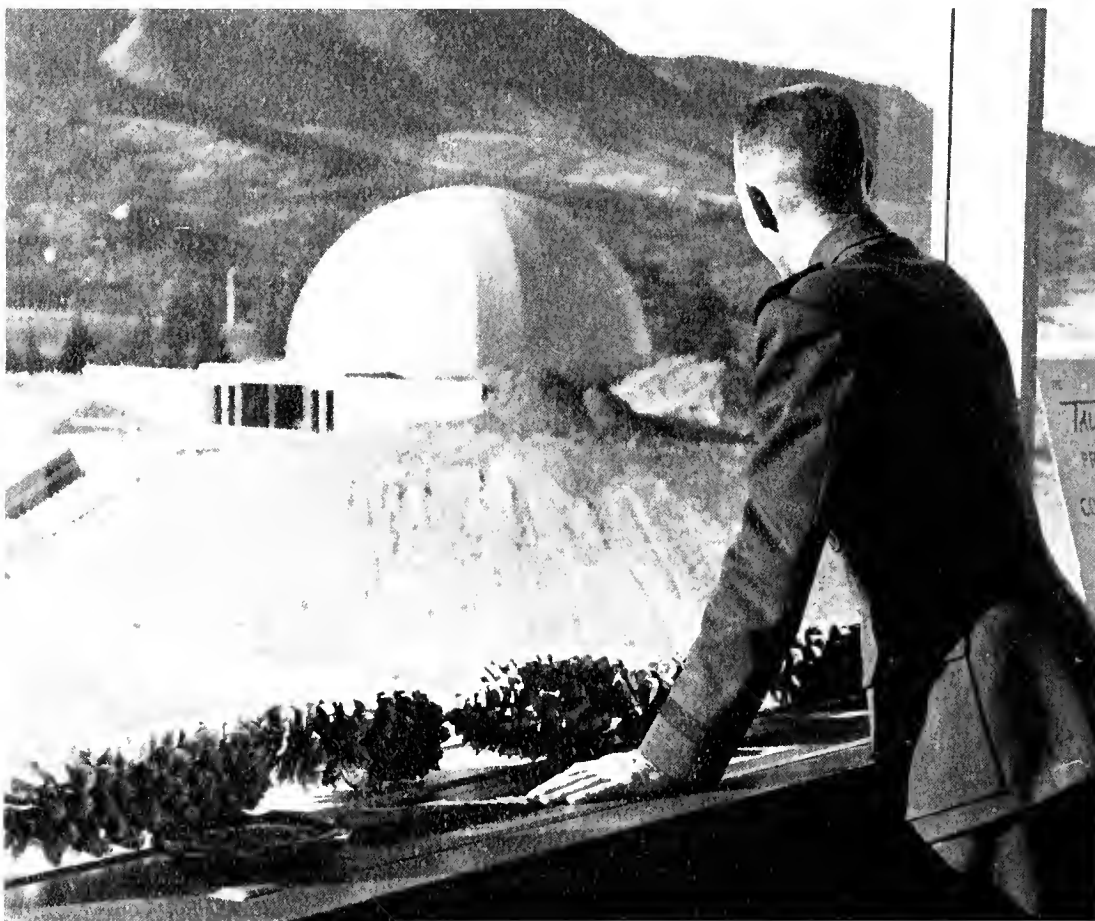
Adams, L. A.  
Anderson, D. L.  
Aspelin, E. B. W.

Adinolfi, J. D., Jr.  
Anderson, L. B.  
Ayers, W. C.

Allburn, J. N.  
Andros, R. R.  
Auletta, B. F.



The answer is intuitively evident . . .



From inside out.

Baker, W. R.  
Boeck, D. J.

Ball, W. J.  
Bogaert, J. R.

Barnes, G. L.  
Bohlin, E.

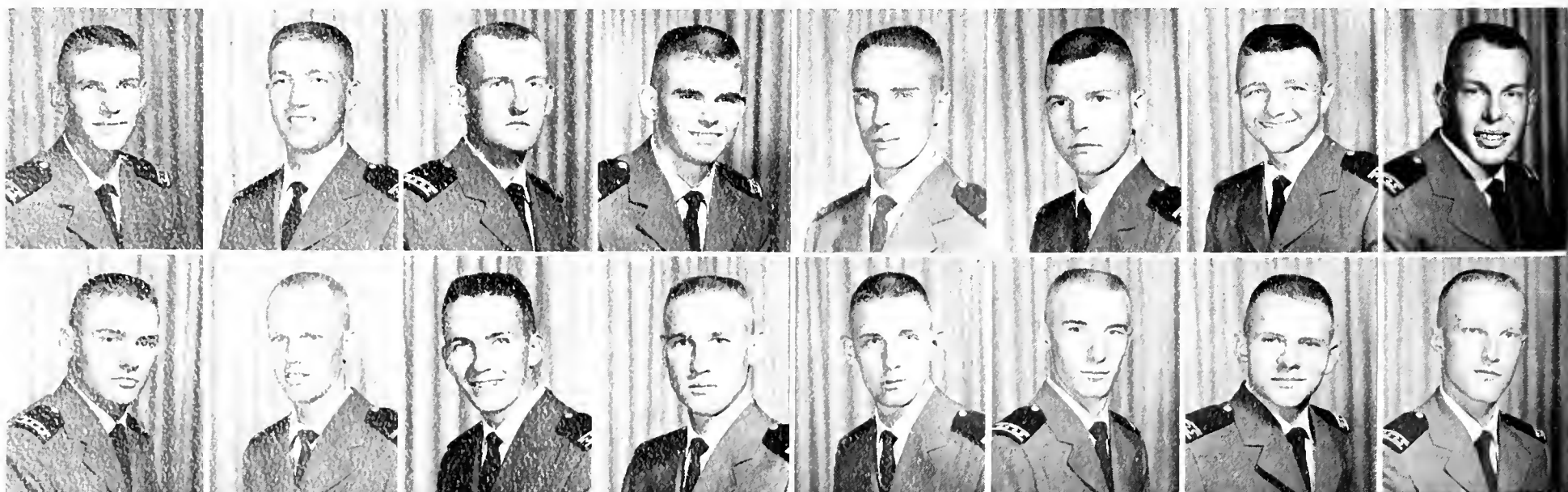
Barrett, F. L.  
Borland, M.

Barry, W. A.  
Borling, J. L.

Bartlett, B.  
Bornzin, G. O.

Bauer, F. C.  
Boswell, E. T.

Beauchemin, A. E.  
Bouchard, J. S.







Allen, H. R., Jr.	Allen, U. S.	Ammerman, D. E.	Ammons, P. G.	Anderberg, M. R.
Anway, M. D.	Arbogast, T. D.	Arceneaux, J. F.	Ardern, W. E.	Armbrust, P. H.
Babcock, P. G.	Bartaitis, P. F.	Backus, L. A.	Bacue, R. H.	Bain, W. W., Jr.

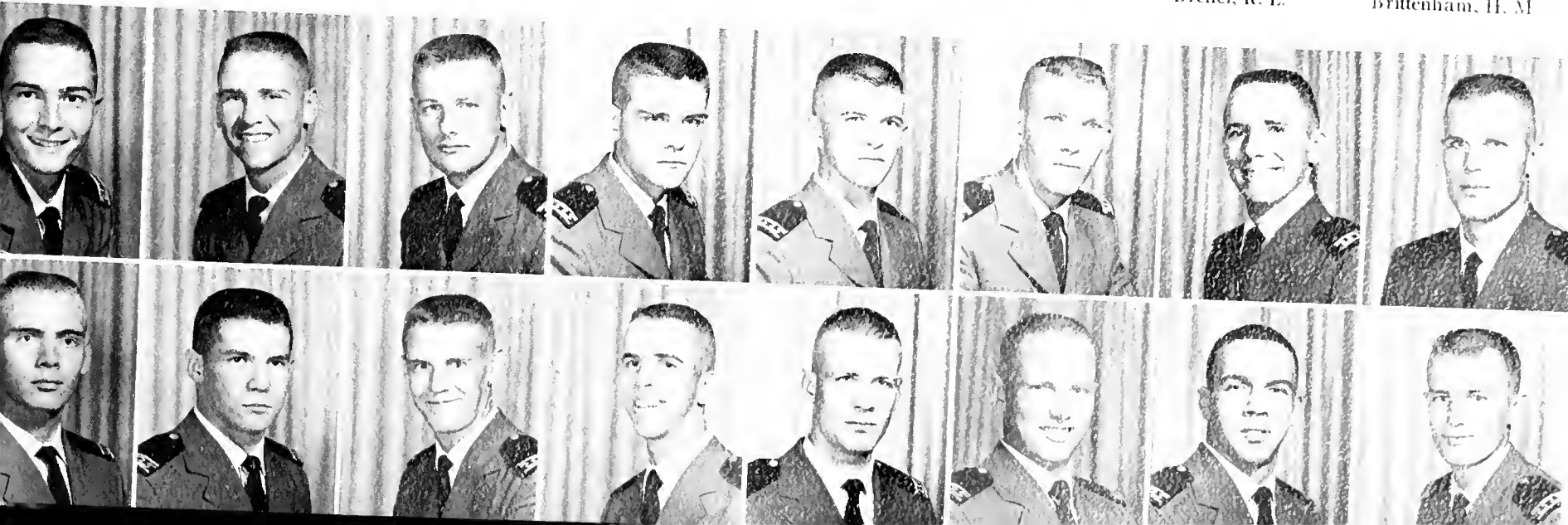


To pass — or not to pass . . .

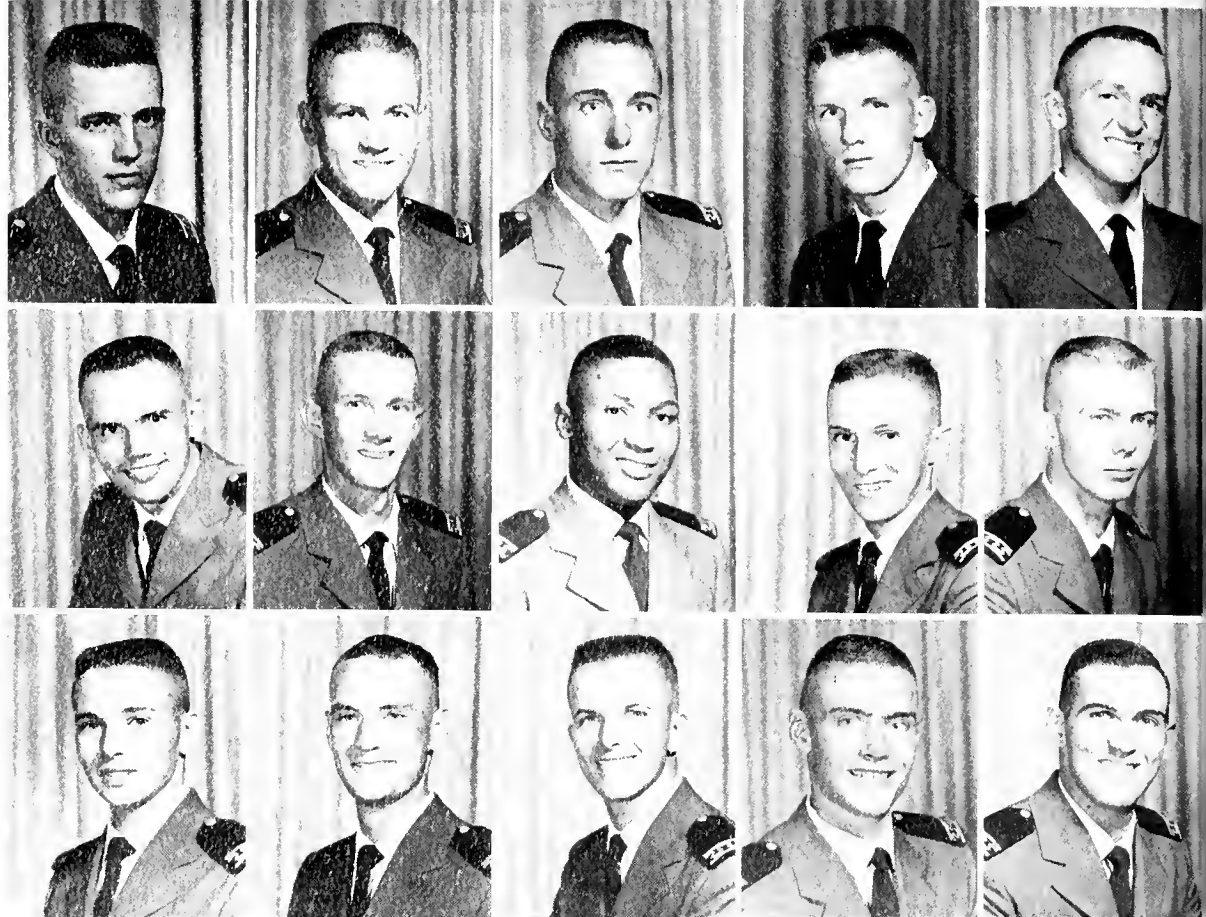


"Neither rain nor sleet nor dark of night . . ."

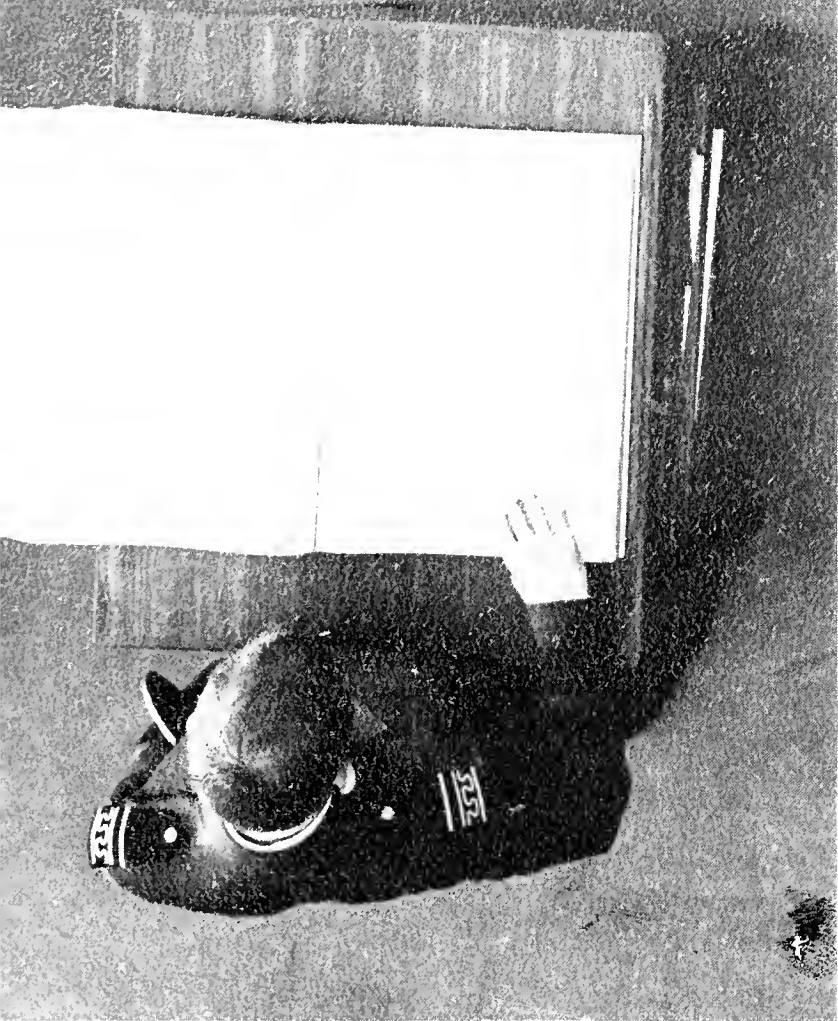
Bellotte, J. E.	Bender, J. G.	Bessenhofer, L. C.	Bielinski, B. T.	Black, F. A.	Bliden, V. J.	Bock, M. D.	Bodnar, J. J.
Bowers, J. K.	Bowes, R. H.	Boyd, A. A., Jr.	Bradshaw, M. F.	Breckenridge, R. A.	Bredvik, G. D.	Brenci, R. L.	Brittenham, H. M.







Brockhagen, B. J.	Broman, K. E.	Brooks, J. B.	Brown, R. M.	Browning, W. M., Jr.
Burns, T. V.	Burwell, J. C.	Bush, C. V.	Butler, J. H.	Butt, J. S.
Cardoza, T. J.	Carey, D. A.	Carlson, T. O.	Carnes, C. P.	Caruana, P. P.

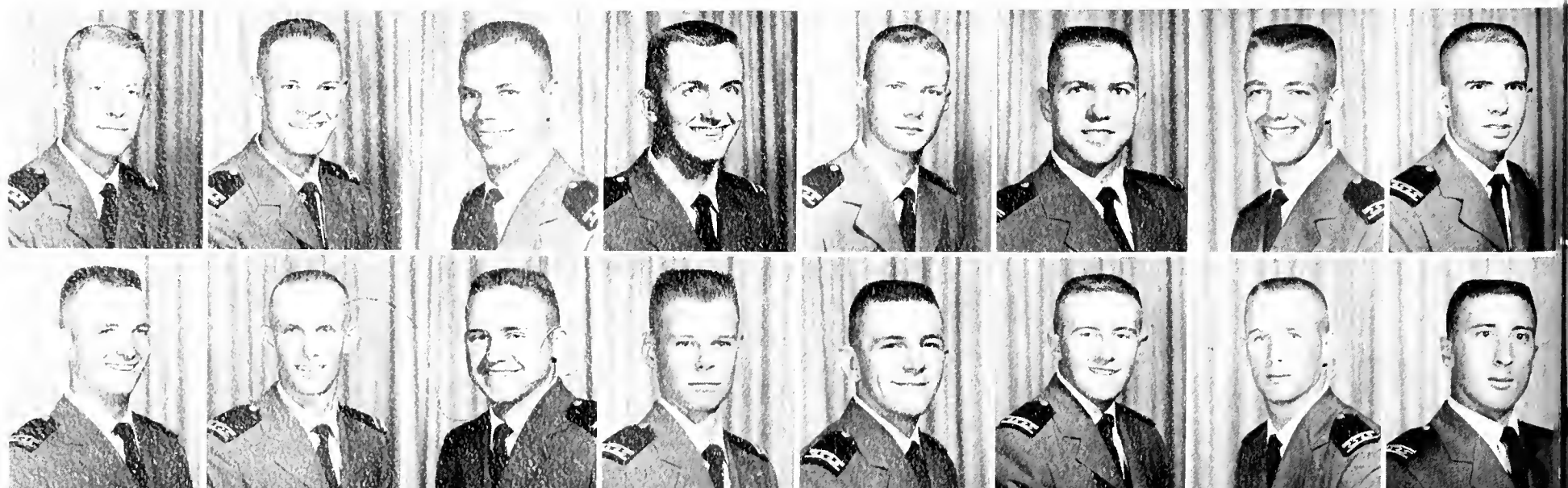


Angel views cadet.

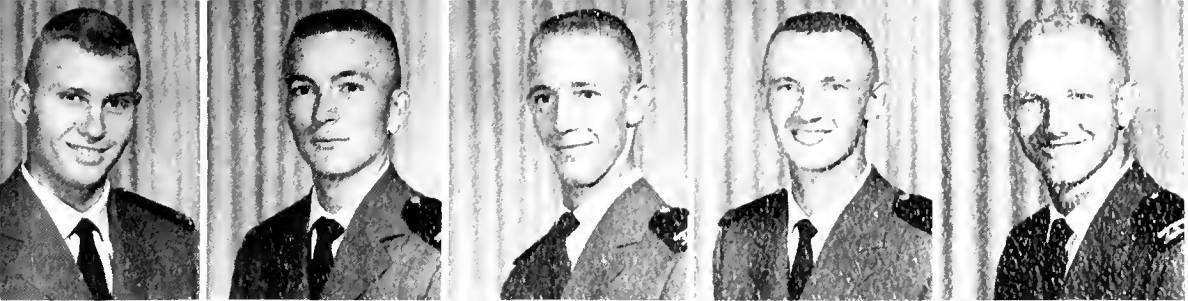


Winter scene — USAFA style.

Clark, R. D.	Clark, T. E.	Clavin, J. R.	Coates, J. L.	Coleman, H. O., Jr.	Conant, H. C.	Cooper, R. R.	Cottrell, R. L.
Davis, J. J., Jr.	Davis, M. J.	Davis, P. H.	Davis, W. C., III	Davoren, D. I., Jr.	Day, L. E.	Dean, M. R. F.	Deberry, D. L.







Bryan, R. E.	Bryant, W. F., Jr.	Bunce, R. L.	Bunker, P. G.	Burns, J. L.
Butterfield, D. H.	Byrne, D. N.	Byron, G. V.	Cubak, J., G., Jr.	Callin, G. D.
Cary, B. S.	Chapman, G. P.	Christy, M. T.	Chubaty, A. R.	Clack, R. H.

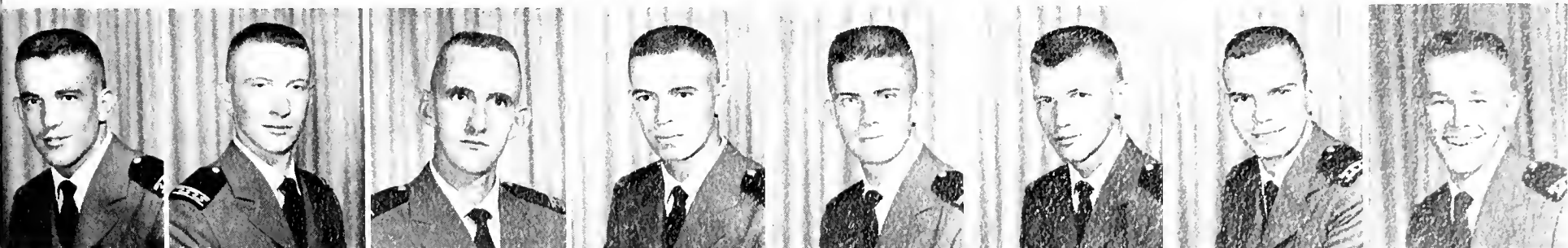


For the love of a girl . . .



They got us all, sooner or later.

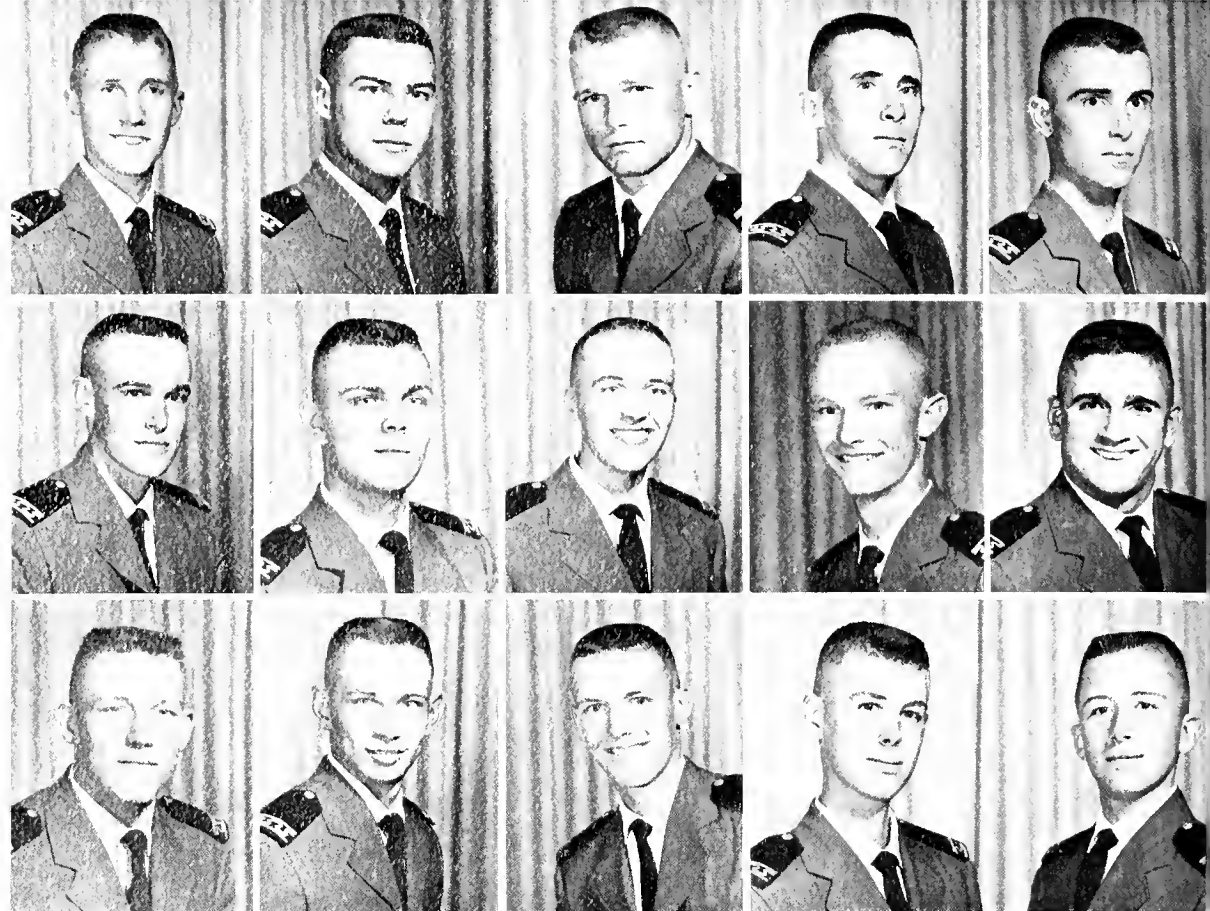
Cowder, J. R.	Cox, D.	Cox, J. J., Jr.	Culberson, B. P.	Dake, T. L.	Dale, J. J.	Daly, P. F.	Davis, E. T.
Dee, W.	Degerman, R. L.	Deilke, R. W.	Deluca, J., Jr.	Denend, L. G.	Derieg, T. F.	Desanto, R. J. W.	Diesem, J. L.







Good will to men.



Dietz, D. R.	Diffendorfer, J. H.	Donahue, J. P.	Donahue, L. F.	Donovan, R. B.
Driscoll, J. D.	Drucker, P. A.	Dunn, A. D.	Durham, T. A., Jr.	Dyer, J. M.
Eckles, D. L.	Edwards, J. L.	Egeland, D. M.	Eggers, J. A.	Ekman, L. C.

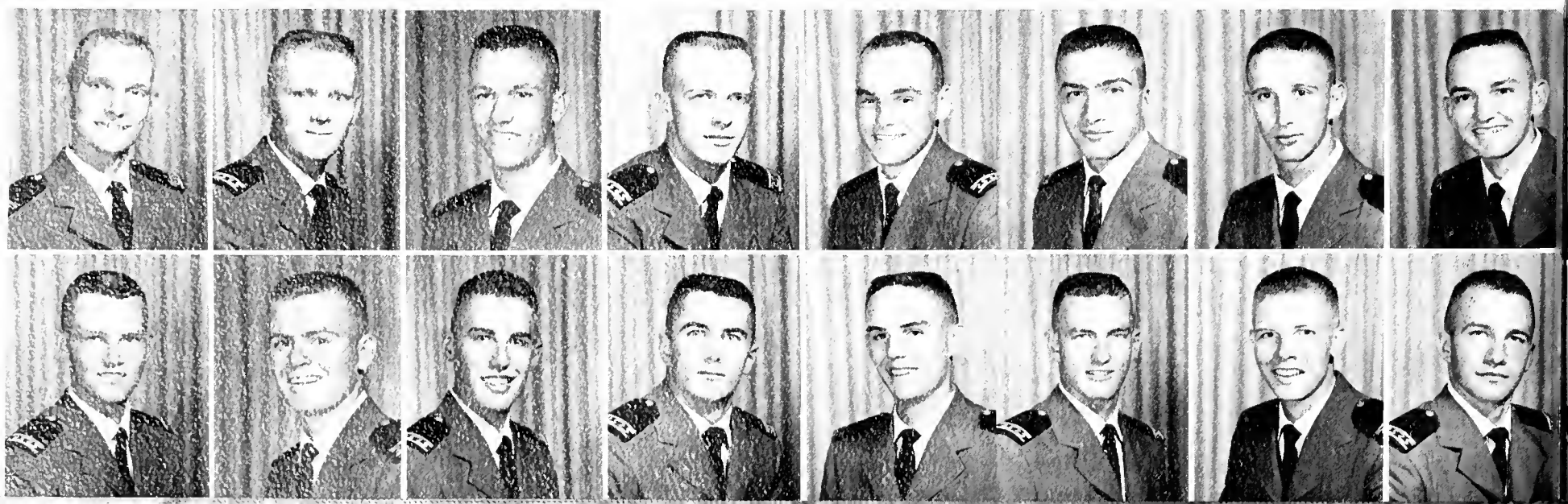


To the victors . . .

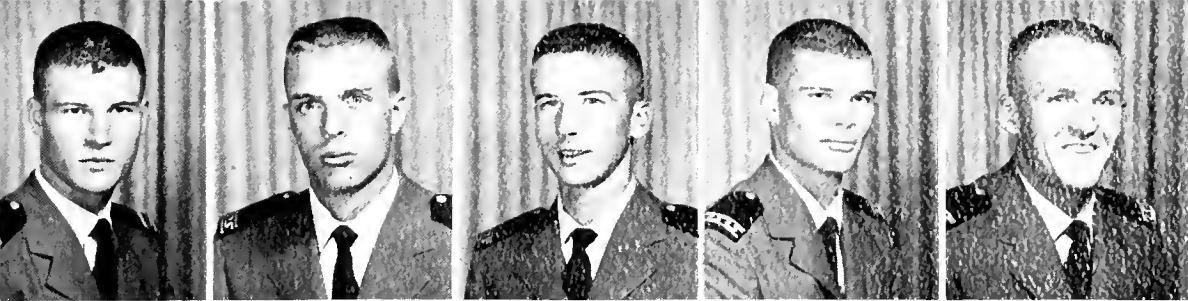


How frightfully passé.

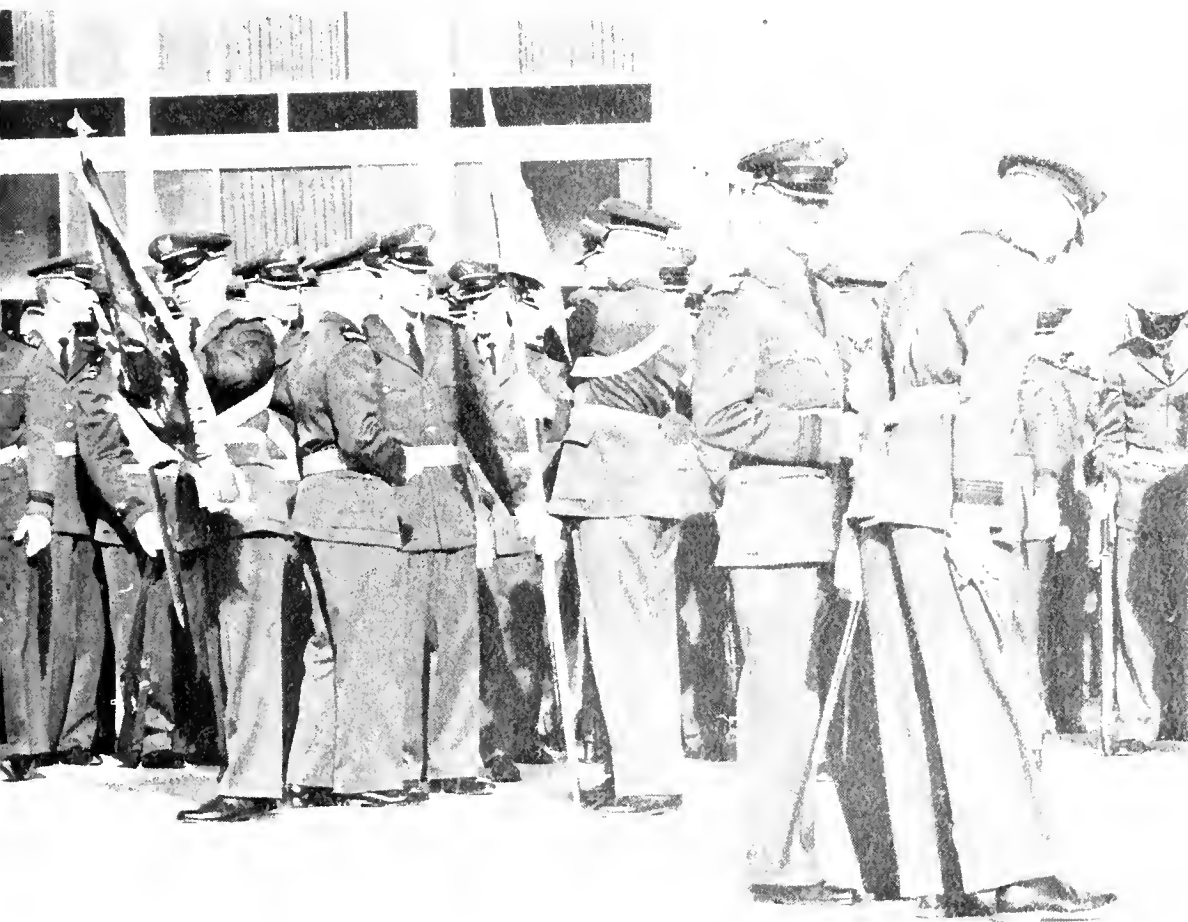
Evans, J. T., Jr.	Fain, J. A., Jr.	Fairhurst, N. G.	Falkner, R. V., Jr.	Fanning, W. J., Jr.	Fausey, J. O.	Featherston, S. F., Jr.	Fendelander, D. D.
Foley, R. M.	Foley, W. T.	Fox, J. M.	Fox, T. J.	Frailay, H. V.	Francis, J. J., Jr.	Frederick, B. B.	Frederick, G. L.





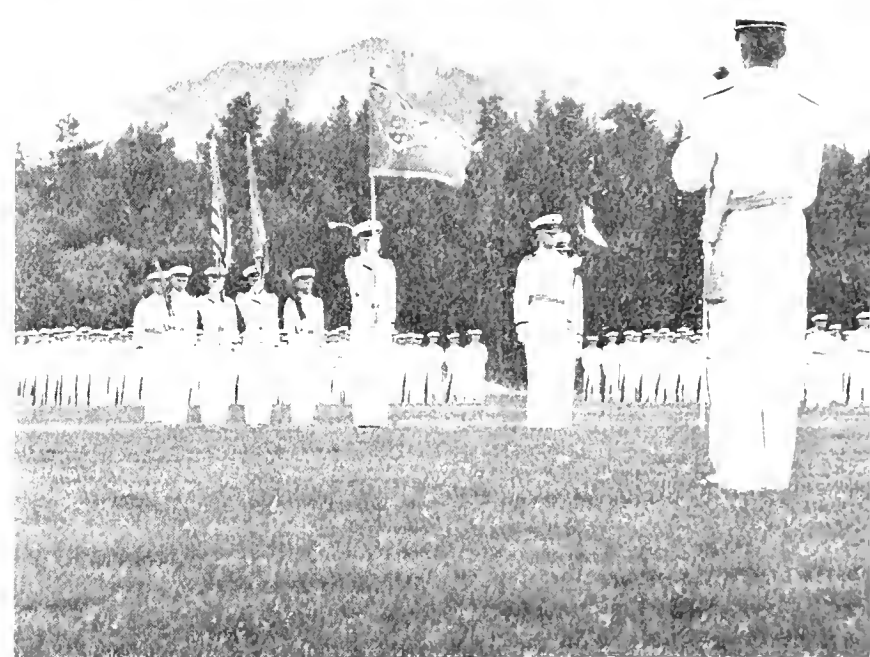
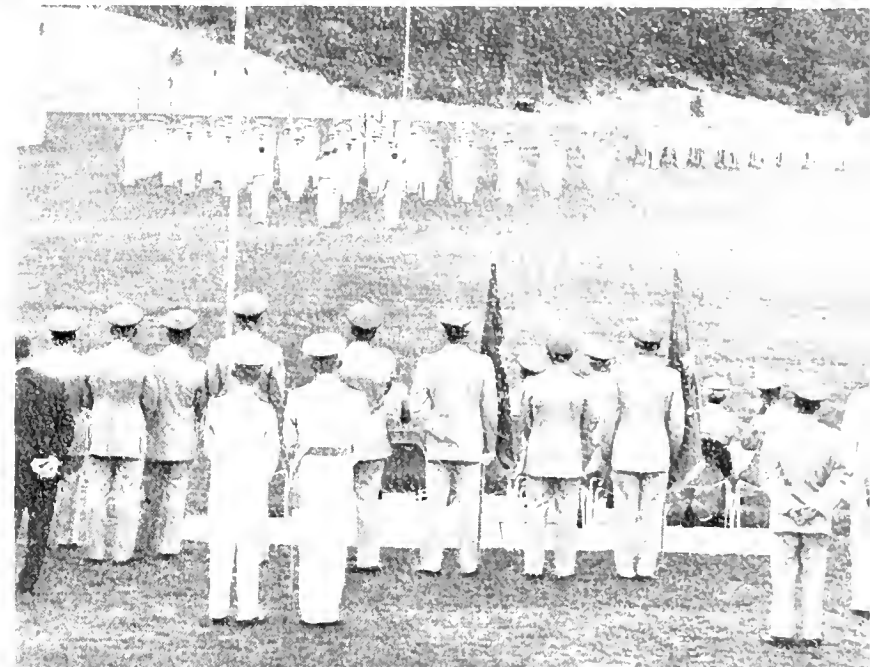
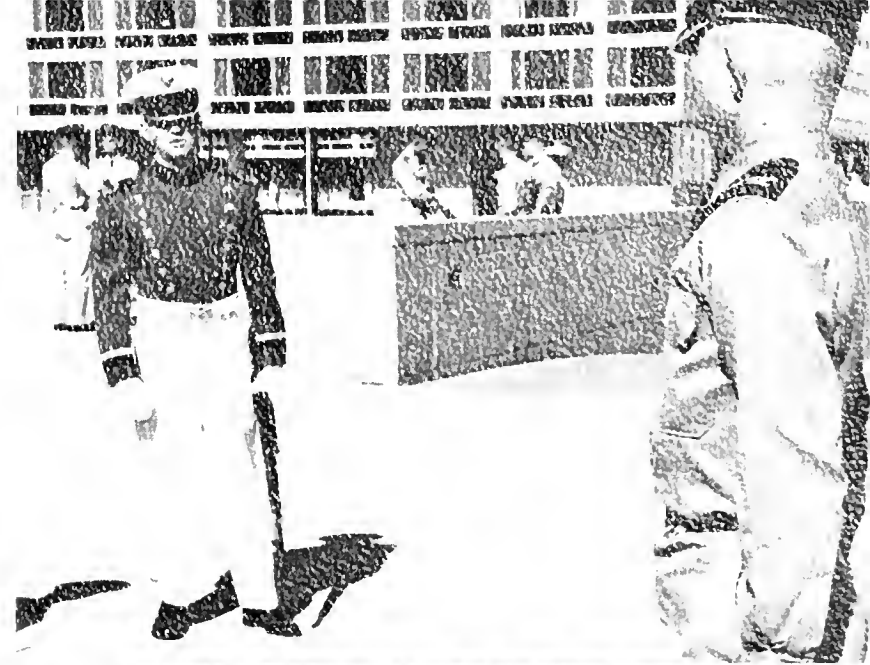


Dotson, R. S.	Dougan, D.	Dougherty, J. J.	Downing, L. E.	Doyle, W. C.
Dysart, J. K.	Eastcott, M. E.	Eastman, L. R.	Ebert, W. L.	Eckelkamp, V. C.
Eigel, W. C.	Elfers, J. E.	Elliott, W. J.	Emmert, R. M.	Evans, A. S., Jr.



The breather before the show . . .

Fenske, S. V.	Ferency, R. J.	Ferguson, M. L.	Fiedler, T. J.	Flanagan, W. F.	Flynn, J. W.	Flynn, W. J.	Fogleman, R. R.
Freeland, M. L.	Freiman, W. H.	Frostic, F. L.	Fryer, T. A.	Fuller, R. R.	Fullerton, A. W.	Gabel, W. E.	Gallagher, T. N.

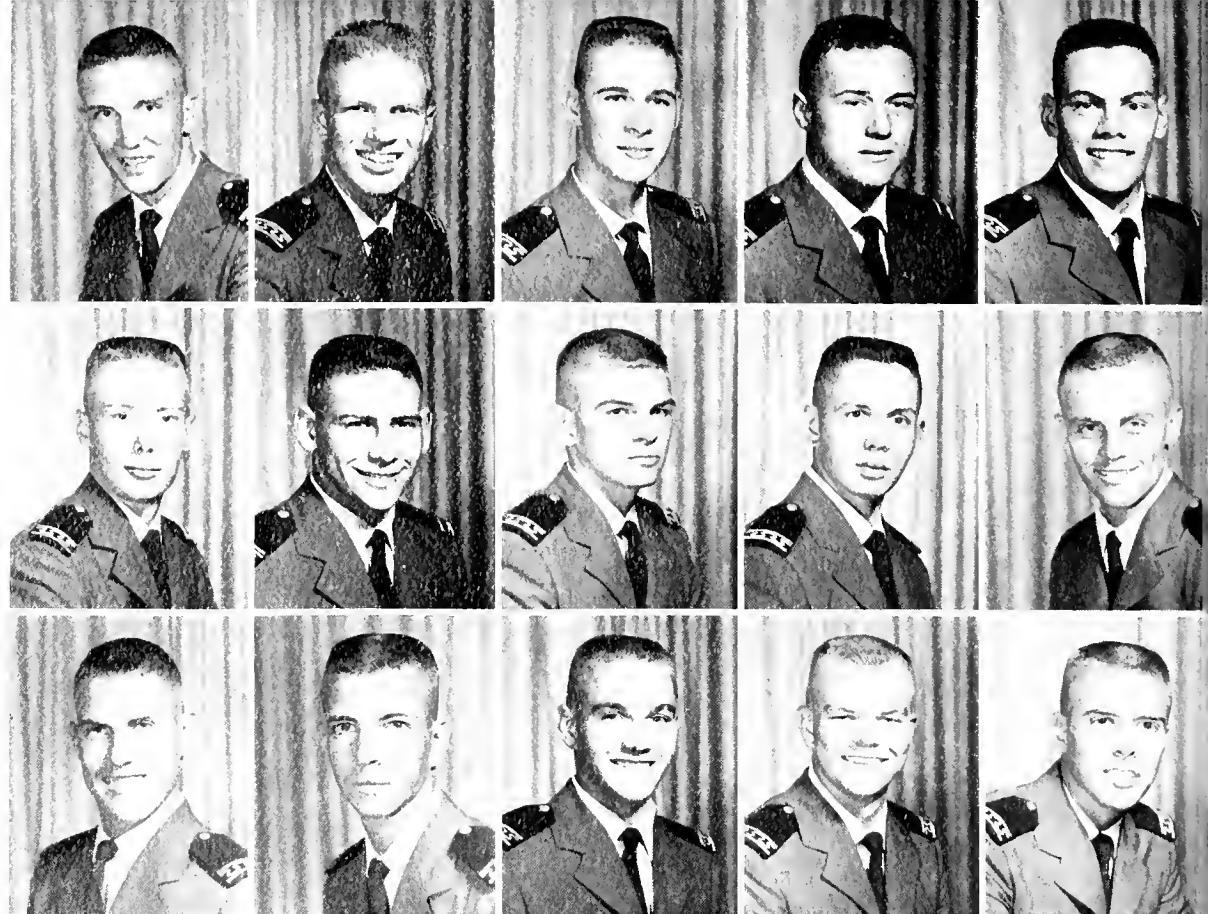


And what a show.





At length we found our El Dorado.



Gardner, H. W.  
Goodell, R. W.  
Green, W. T.

Gaston, J. C.  
Goodman, J. D.  
Greenfield, J. L.

Gaulke, G. W.  
Goold, M. D.  
Greer, G. W.

Gavin, L. J.  
Gordon, D. L.  
Grizzle, K. H.

Gebhardt, C. L.  
Gordy, T. O.  
Groves, W. C.



It's in here somewhere!

Right there on the dotted . . .

Habura, D.  
Hardgrave, G. D.

Hagar, H., Jr.  
Harley, W. M.

Hall, J. H.  
Harmon, L. C.

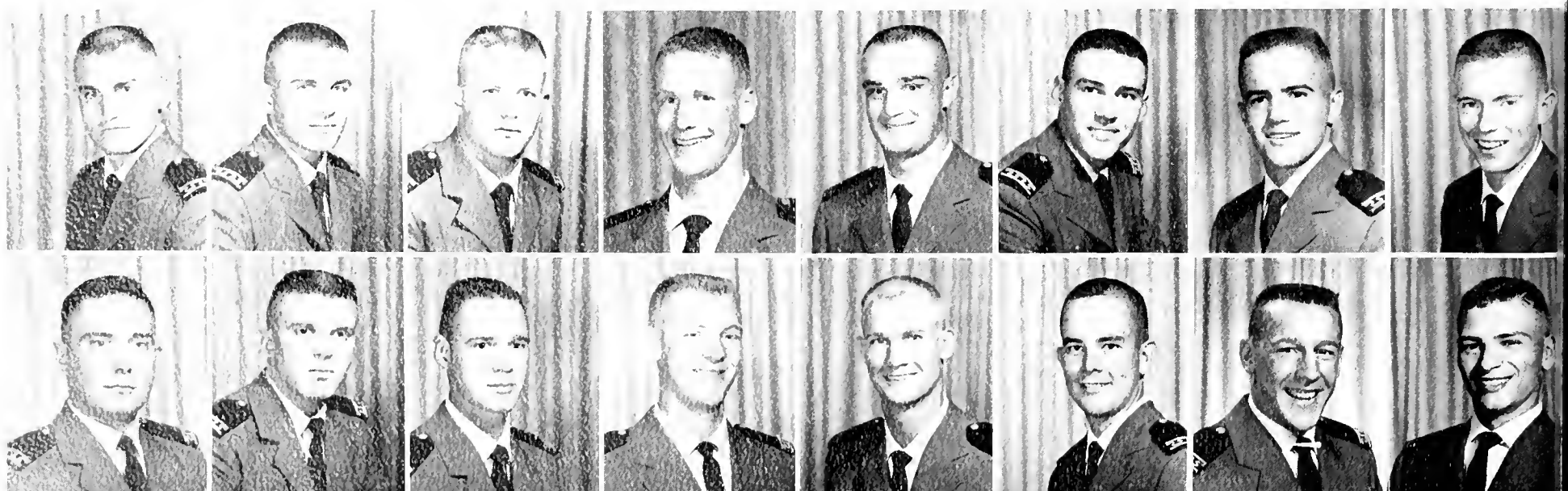
Hall, R. W., Jr.  
Harris, R. D.

Halley, G. W.  
Harris, W. C.

Halligan, J.  
Hart, E. C., II

Haluska, J. J., Jr.  
Hathaway, J. H. V.

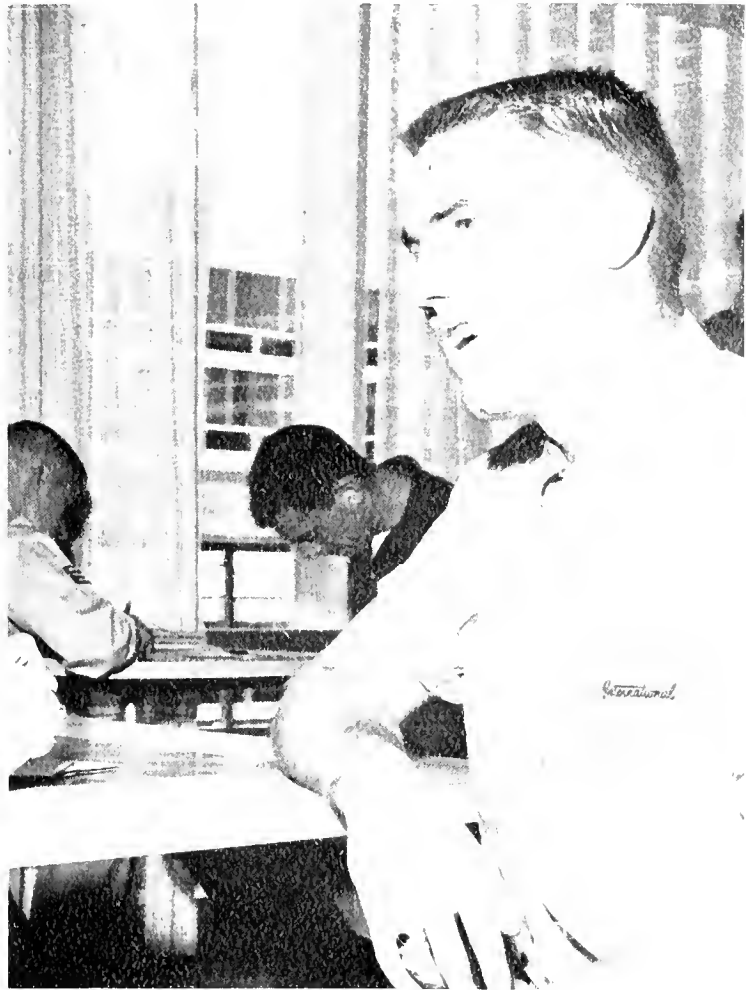
Hamilton, R. A., II  
Hauser, J. P.







Gibbons, M. F.	Gilchrist, R. M.	Gill, A. B.	Gilligan, F. B.	Gilman, R. L.
Gossman, R. F.	Goutas, J. N.	Graham, F. R.	Graham, R. D.	Graves, G. D.
Grunkemeyer, D.	Gude, F. K.	Guild, R. E.	Gulick, L. E.	Habedank, O. K.

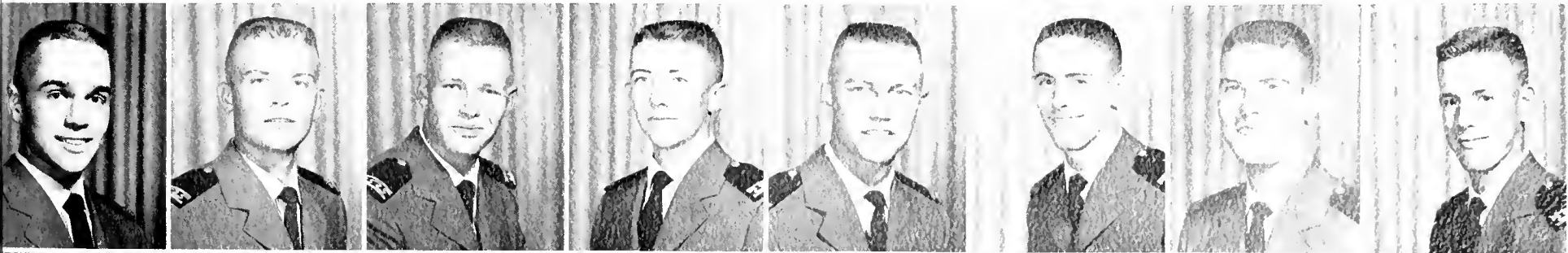


Four years!

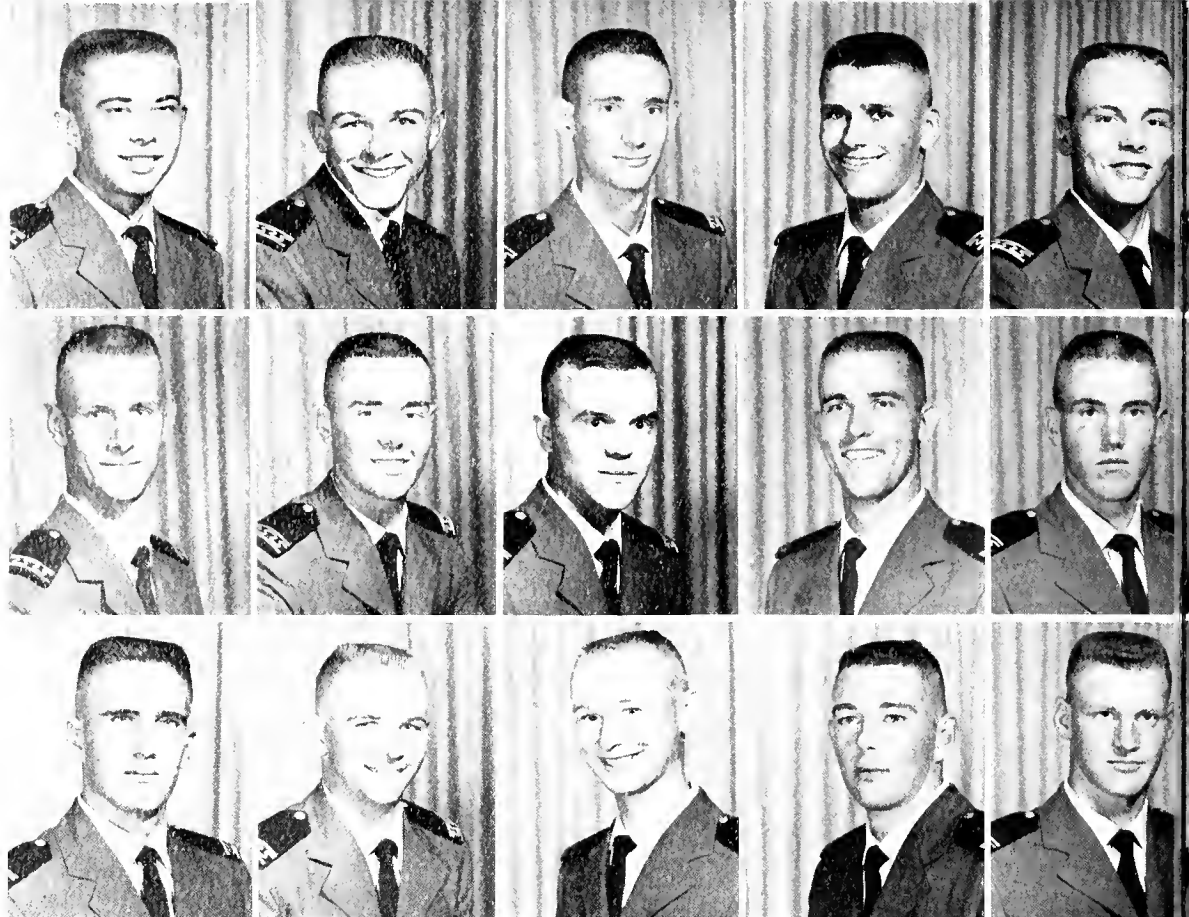
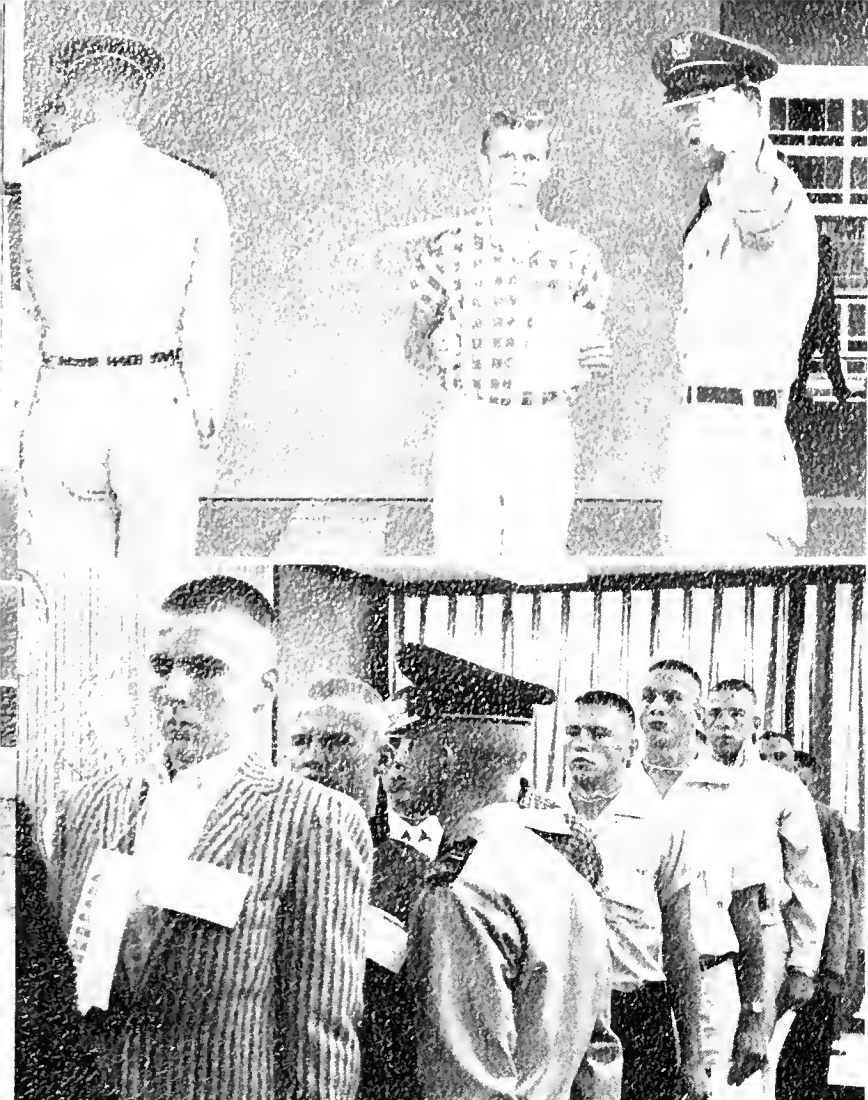


And so it all began.

Hammerton, R. P.	Hanes, J. W.	Haney, C. W., Jr.	Hannam, J. T.	Hanneken, R. J.	Har, K. C.	Haralson, W. W.	Harbaugh, K. E.
Hawes, G. T.	Hawkins, W. E.	Haworth, D. A.	Haycraft, D. L.	Hayes, R. L.	Heal, J. T.	Heavner, R. O.	Hegstrom, R. J.







Heide, J. W.  
Hess, D. A., Jr.  
Horner, M. W.

Heimbürger, J. W.  
Hicks, J. L.  
Horton, H. T.

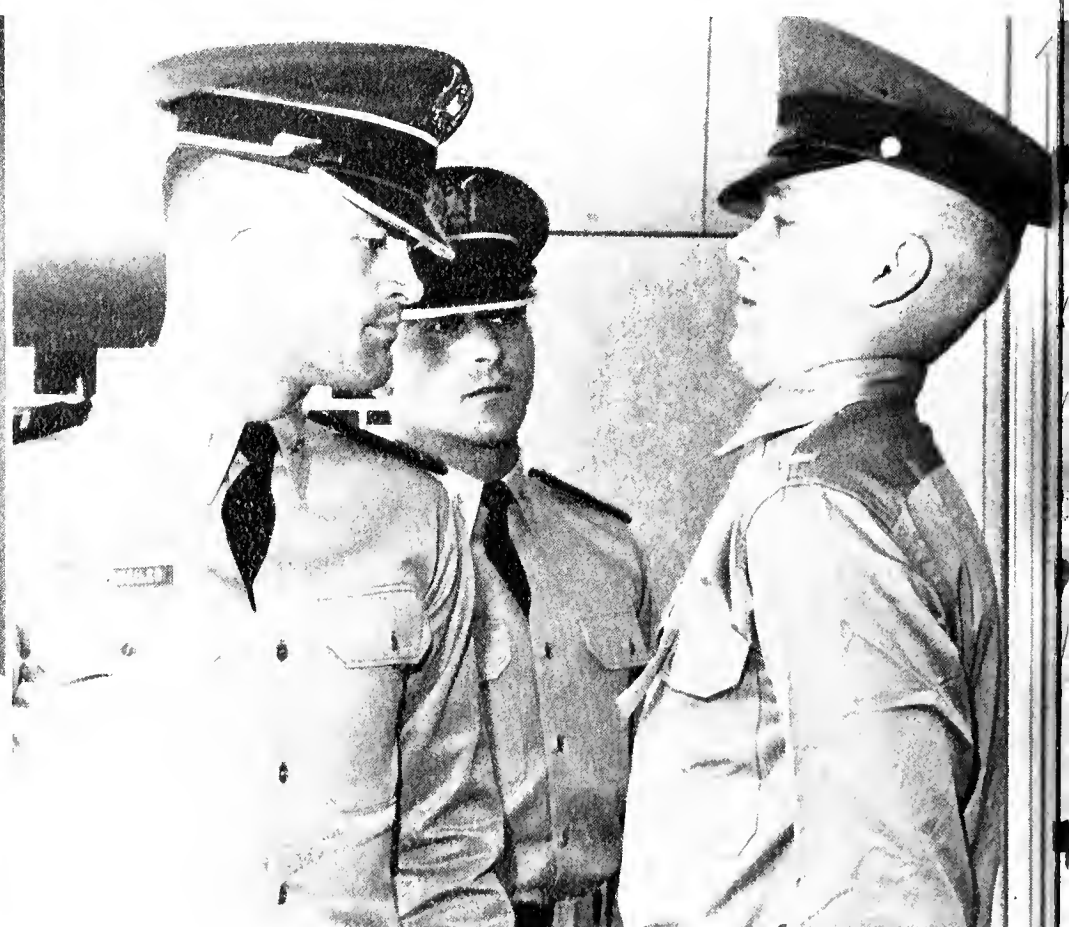
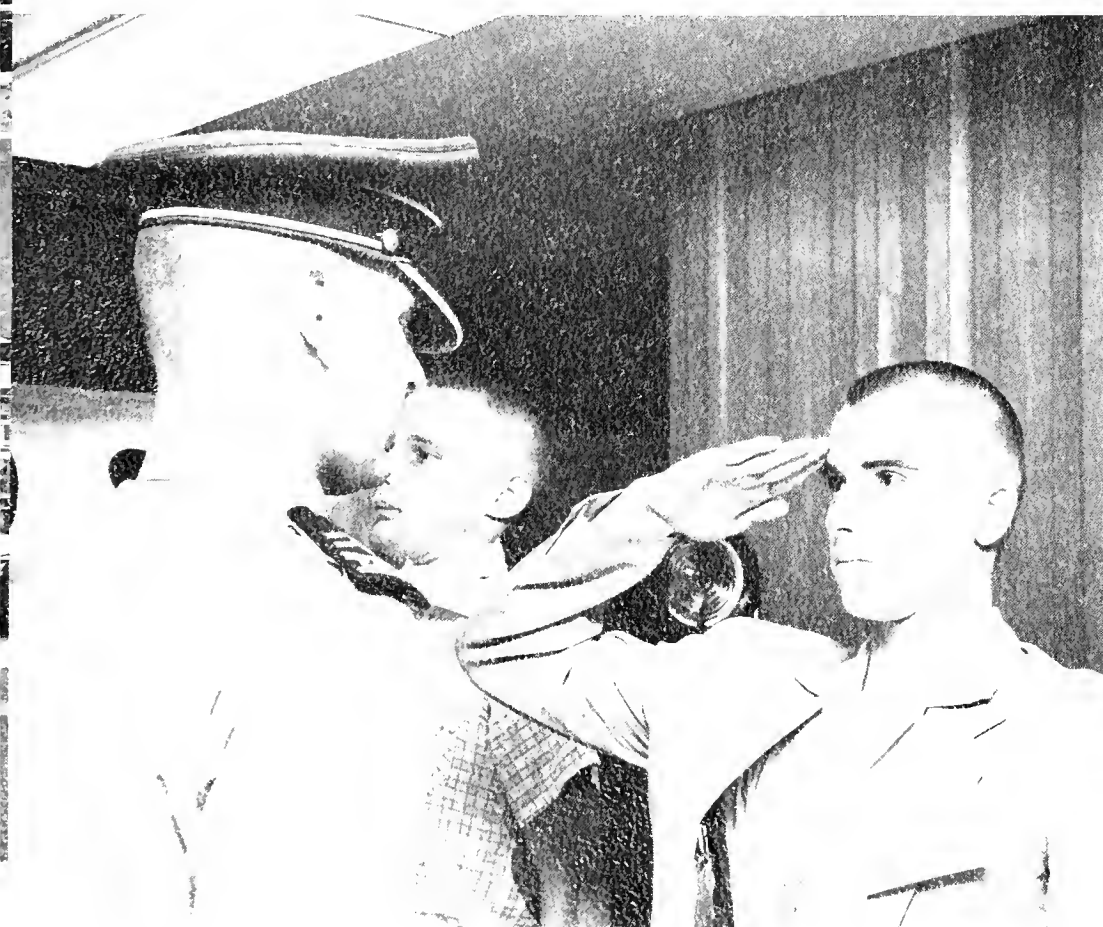
Heinlein, W. H.  
Hemelberger, R. E.  
Hoskins, H. A.

Helmski, J. F.  
Hockemeier, J. M.  
Howe, T. W.

Helker, W. H., Jr.  
Hodges, R. C.  
Hubbard, R. H.

They came wearing everything.

And when in Rome...



Johnson, C. R.  
Kerley, J. B.

Johnson, D. G.  
Kern, G. E.

Johnson, J. R.  
Keyserling, M. H.

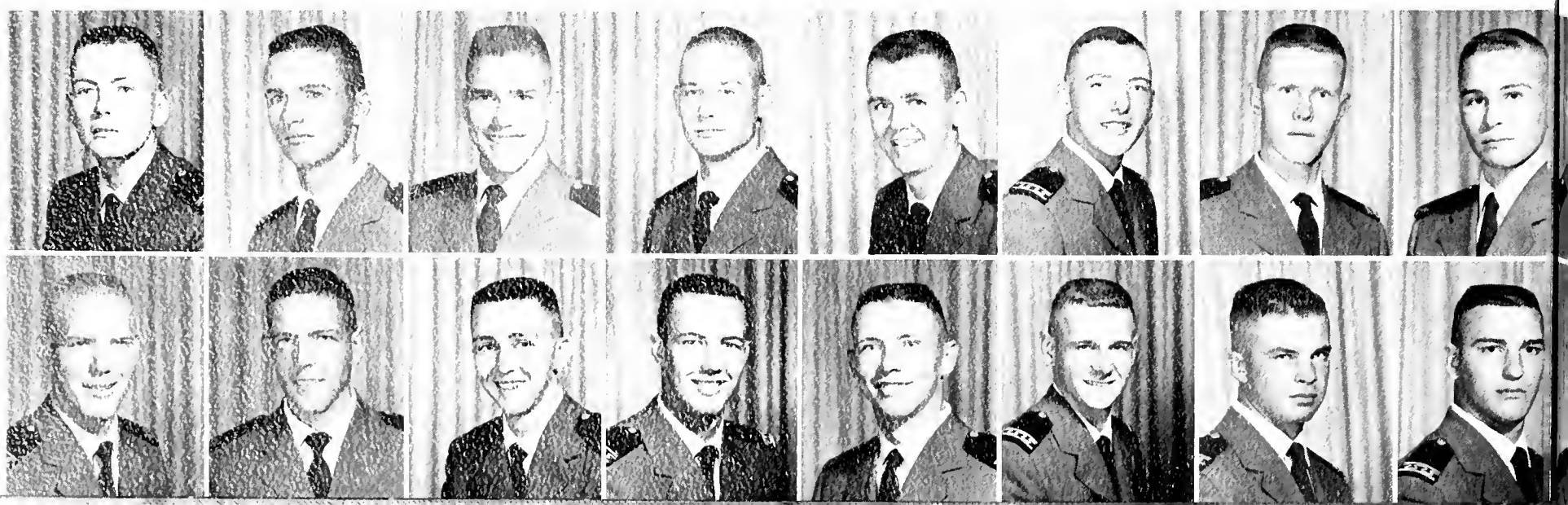
Johnson, P. C.  
King, F. D.

Johnston, J. R.  
Kinnard, N. J.

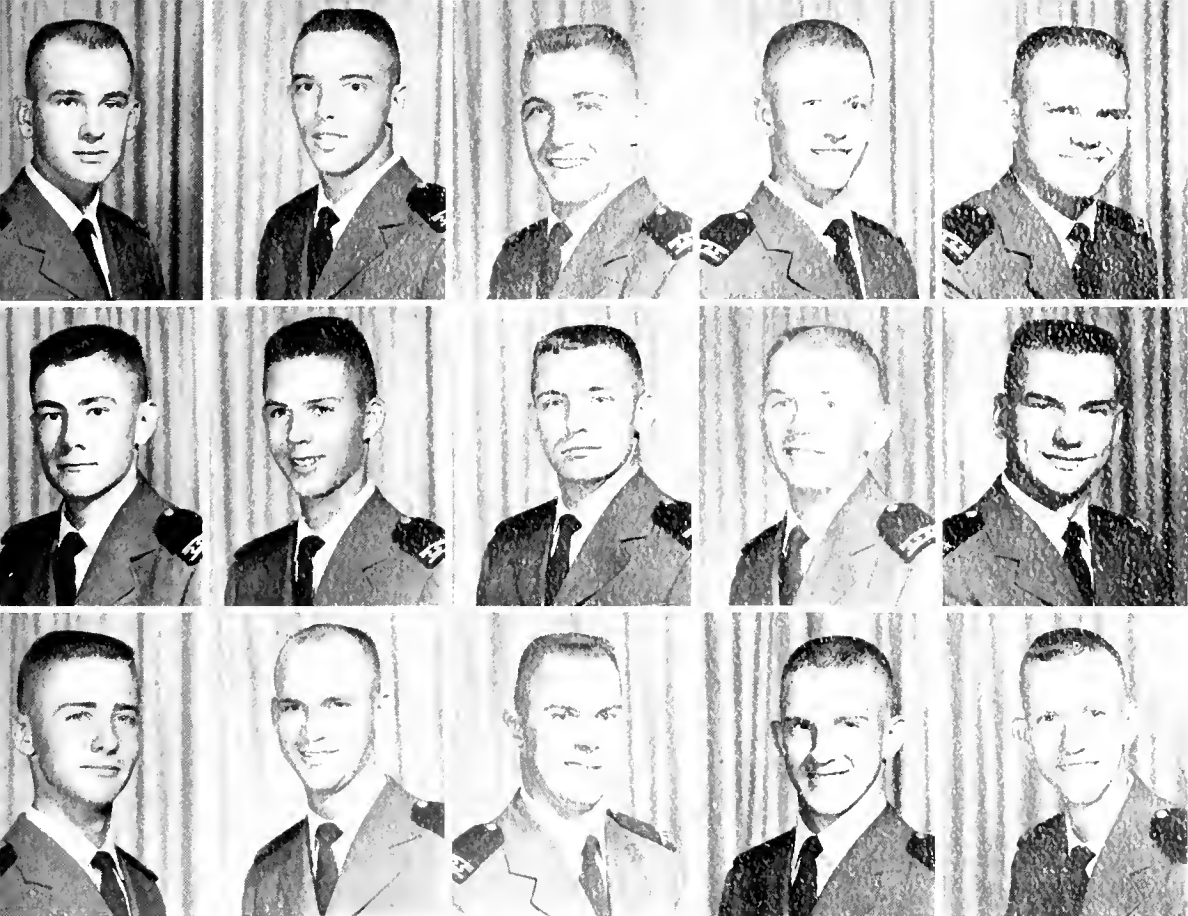
Jones, F. V.  
Kippenhan, C. M.

Juister, H. M.  
Knudsen, H. E.

Justice, B. H.  
Kochanski, J. M.







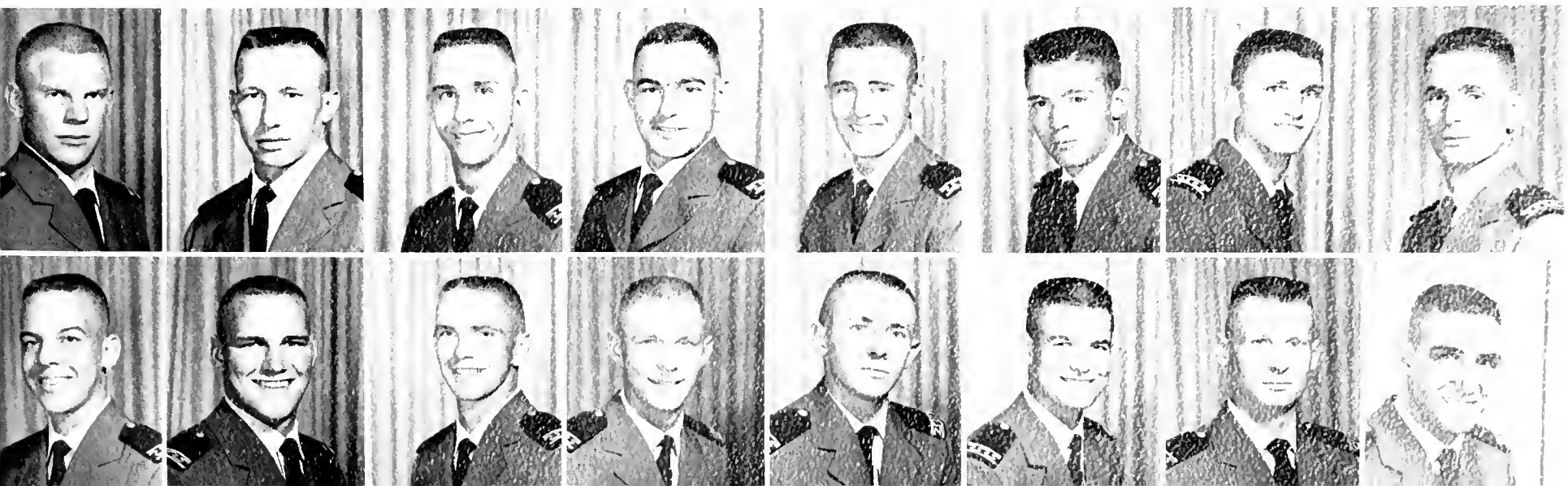
Hemeyer, K. P., Jr.	Hemmel, C. J.	Henderson, E. D.	Hennage, D. W.	Hentges, W. J.
Hoffman, H. D., III	Hoffman, J. R.	Hollman, L. C.	Hofmann, R. F.	Holland, G. F.
Huntley, G. M.	Jackson, D. C.	Jacobcik, J. D.	Jamerson, J. L.	Johnson, A. H., Jr.



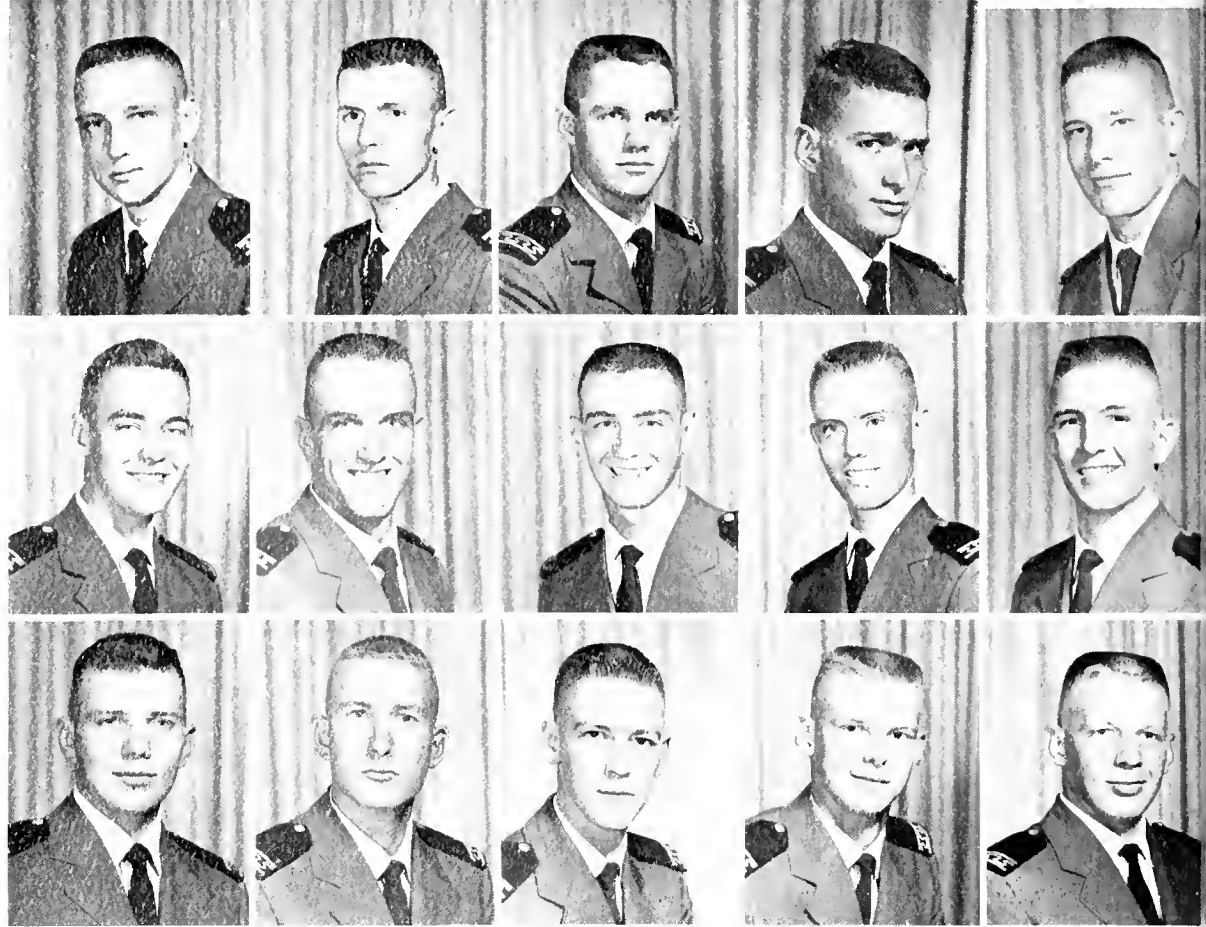
One sounds off on occasion, yet tries not to display emotion.



Kalberer, K. F., Jr.	Karasienski, F. J.	Kautz, R. M.	Kennan, W. V.	Kelley, H. L.	Kellogg, W. A.	Kennedy, J. J.	Kennedy, R.
Koehler, J. D.	Kohl, B. F.	Kominowski, P. J.	Kosko, K. D.	Korenberg, R. J.	Kos, R. J.	Kowalkowski, F. F.	Kraye, S. H.







Kramer, H. R.  
Lee, R. M.  
Lohmann, D. P.

Kubat, E. A.  
Lelors, W. H.  
Lorenz, R. G.

Kuhn, J. C., Jr.  
Leherissey, E. S.  
Lund, R. M.

Laing, D. B.  
Lentz, O. W.  
Lundquist, R. V.

Lang, J. D., Jr.  
Leveritt, D. H.  
Lyons, L. A.



Individual differences are considered . . .

In spite of the necessity for haste.

Manchess, W. E.  
McBeth, R. D.

Manuel, J. A.  
McCarthy, G. W.

Manzella, A. C., Jr.  
McClellan, J. W.

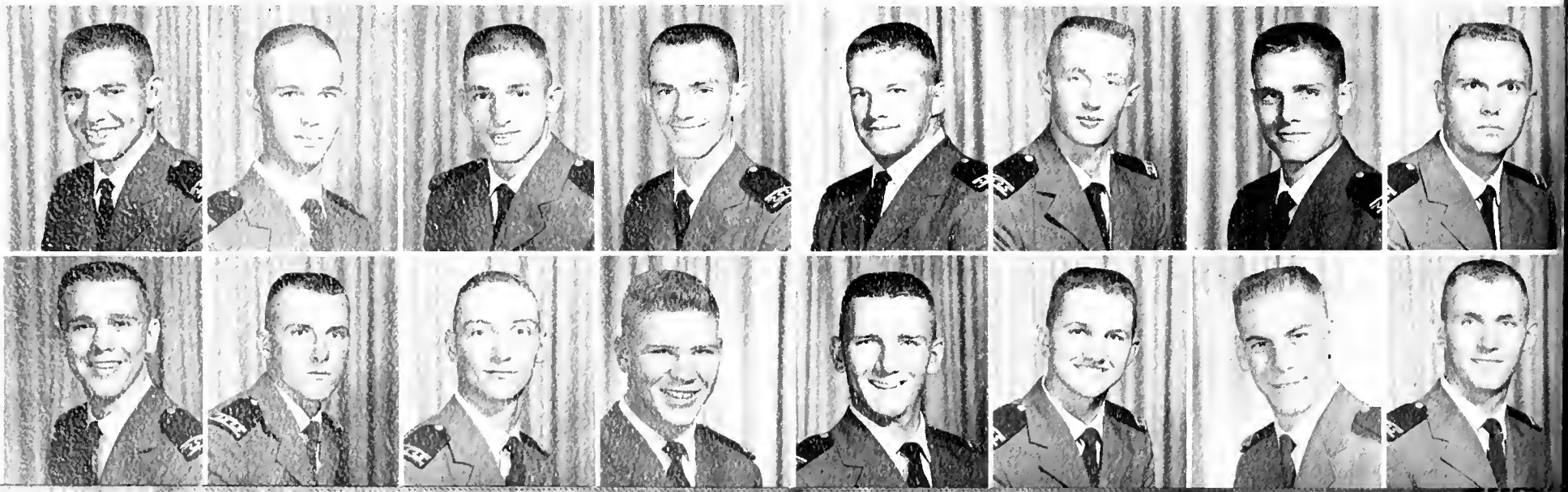
Marshall, R. B., III  
McCollum, R. M.

Martell, B.  
McCrackin, T. M.

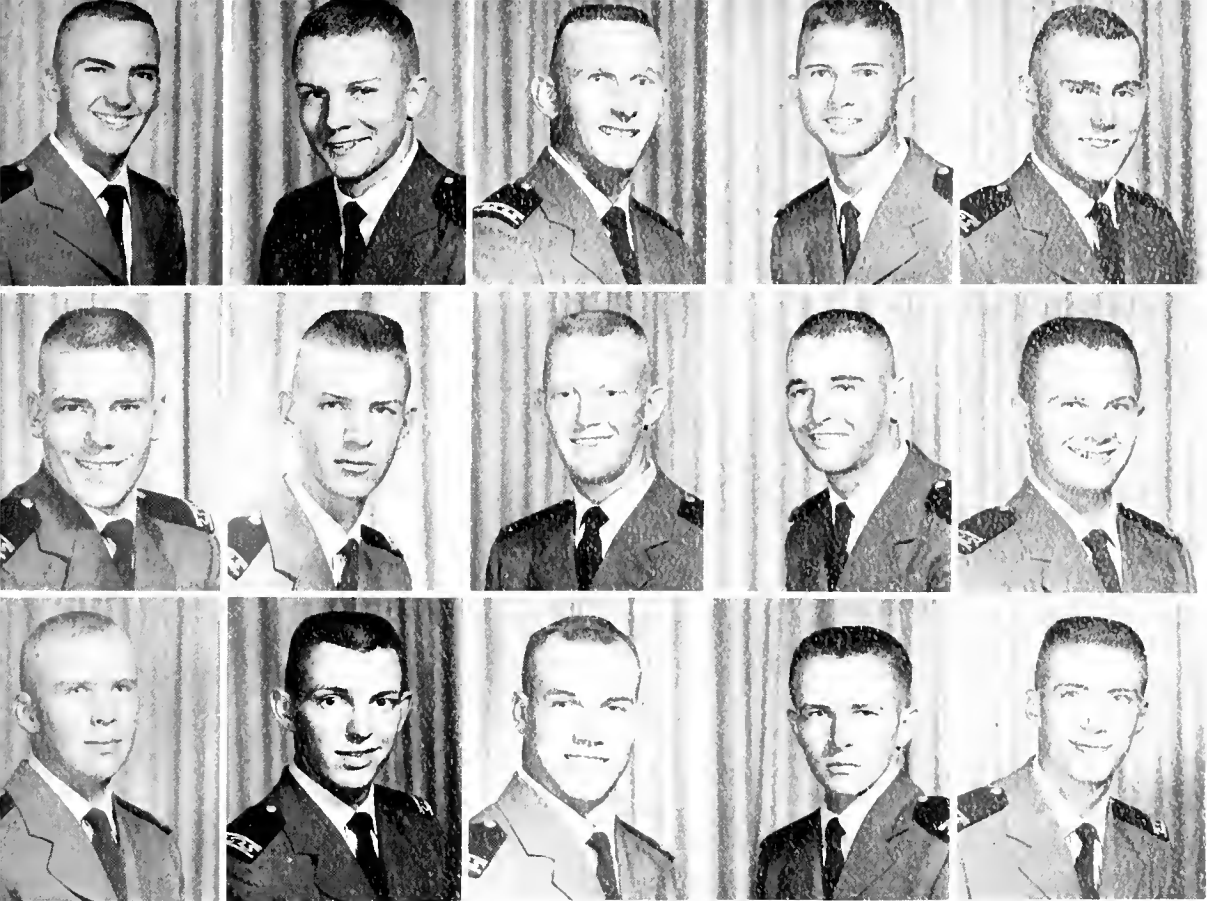
Martin, E. A.  
McDonald, D. J., Jr.

Martin, J. L.  
McGehe, D. J.

Martin, J. L.  
McGehee, J. B., Jr.







Lareau, R. D.	Larson, J. D.	Lash, P. E.	Lavender, H. L.	Lee, N. I., III
Lilly, R. L.	Lindahl, F. W.	Lindner, W. E.	Lloyd, M. H.	Lockhart, K. E.
MacFarlane, R. B., Jr.	Maguire, P. R.	Mahan, C. R.	Maher, E. A., Jr.	Mahoney, R. V., Jr.



"Poop-Break"

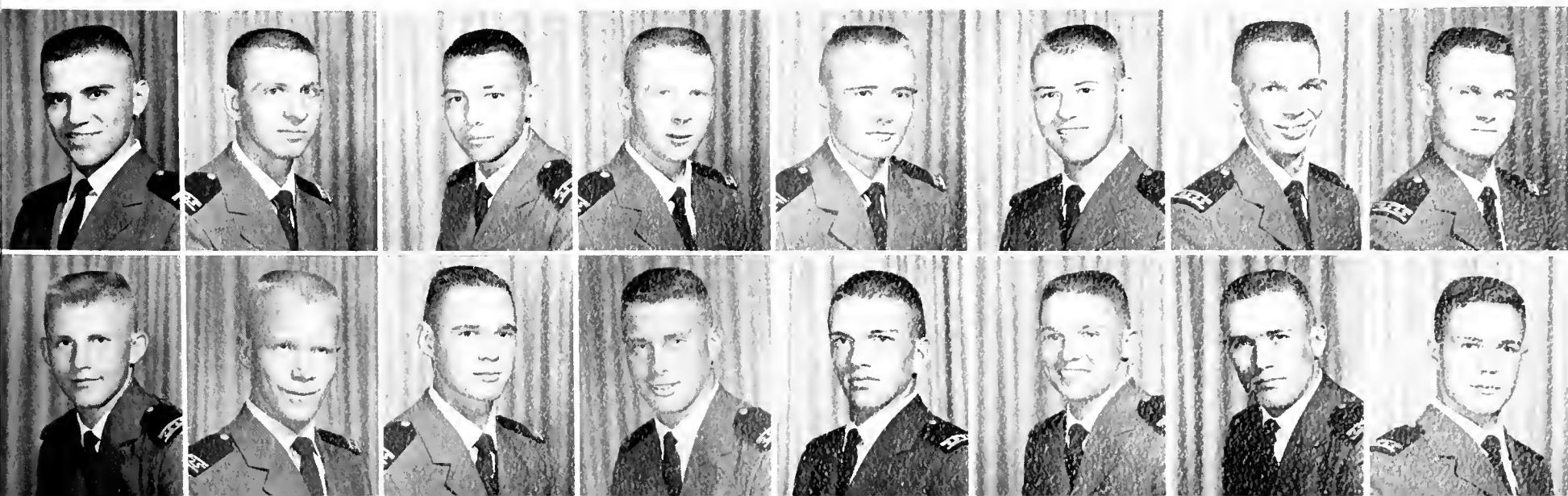


Sudden showers are not uncommon . . .

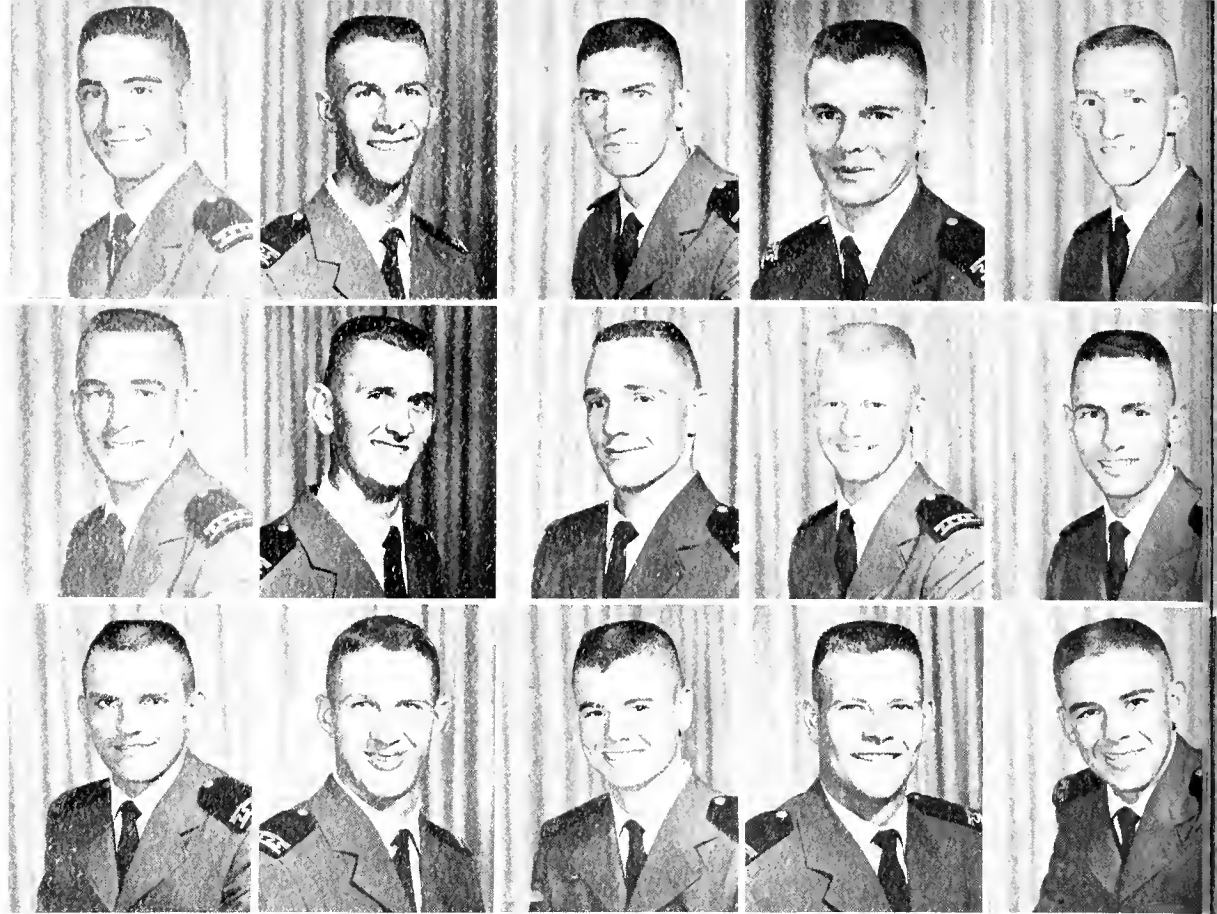


But nothing could dampen our spirits.

Martin, R. D.	Martinelli, D. R.	Martines, J.	Matjasko, L. S.	Mattison, G. F.	Maxon, B. P.	Maywald, P. V.	Mazet, R., III
McKean, J. A.	McKenzie, R. N. W.	McKnight, L. M.	McLain, J. M., Jr.	McLaughlin, L. G.	McMillan, J. K.	McTasnev, J. B.	Meadows, S. L.







— Medina, J. E.  
Meuse, B. M.  
Mordan, C. R.

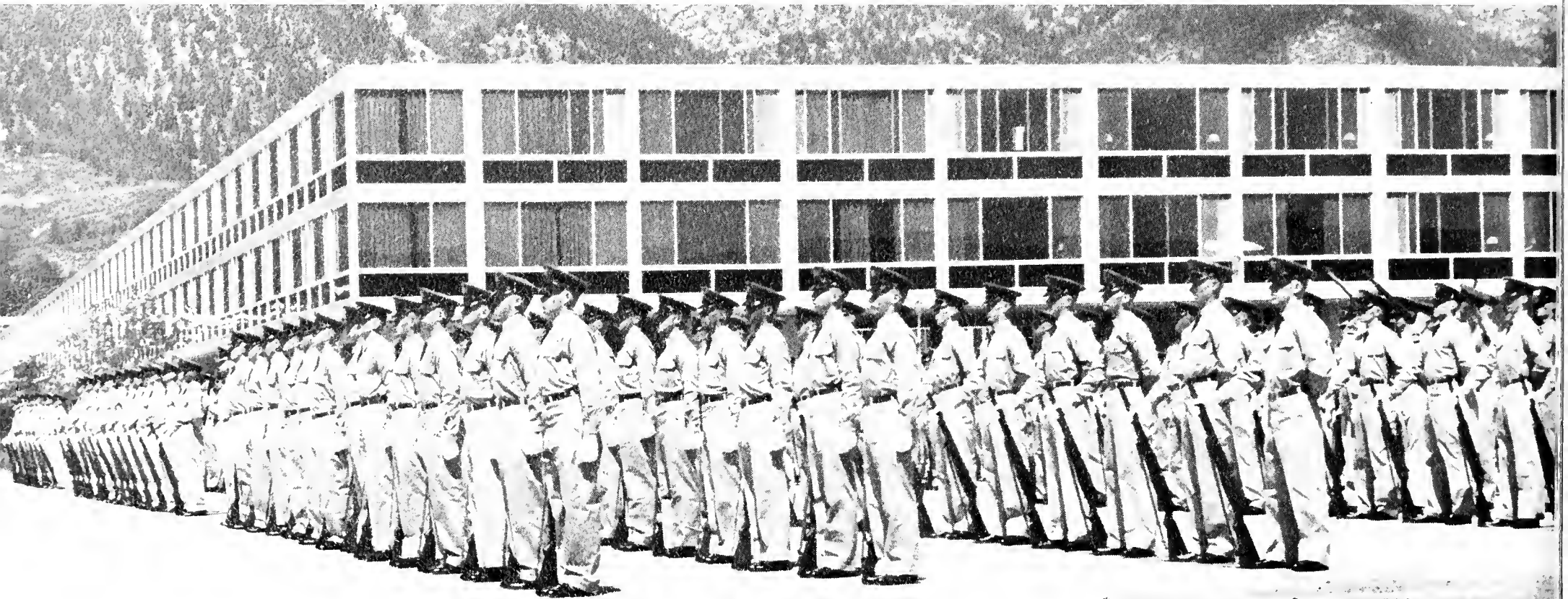
Meier, B. W.  
Meyer, W. L.  
Morgan, D. W.

Meier, T. C.  
Milam, D. W.  
Mullen, D. D.

Meinhold, D. F.  
Miller, D. F.  
Mullen, G. T.

Melenzyer, C. L.  
Miller, J. R.  
Mummert, T. C.

Try this with fixed bayonets.



And Mater couldn't even get me up on Saturday mornings.

Nacrelli, G. A.  
Nuss, D. A.

Nardone, A. L.  
O'Brien, H. J.

Nassir, A.  
O'Connell, M. J.

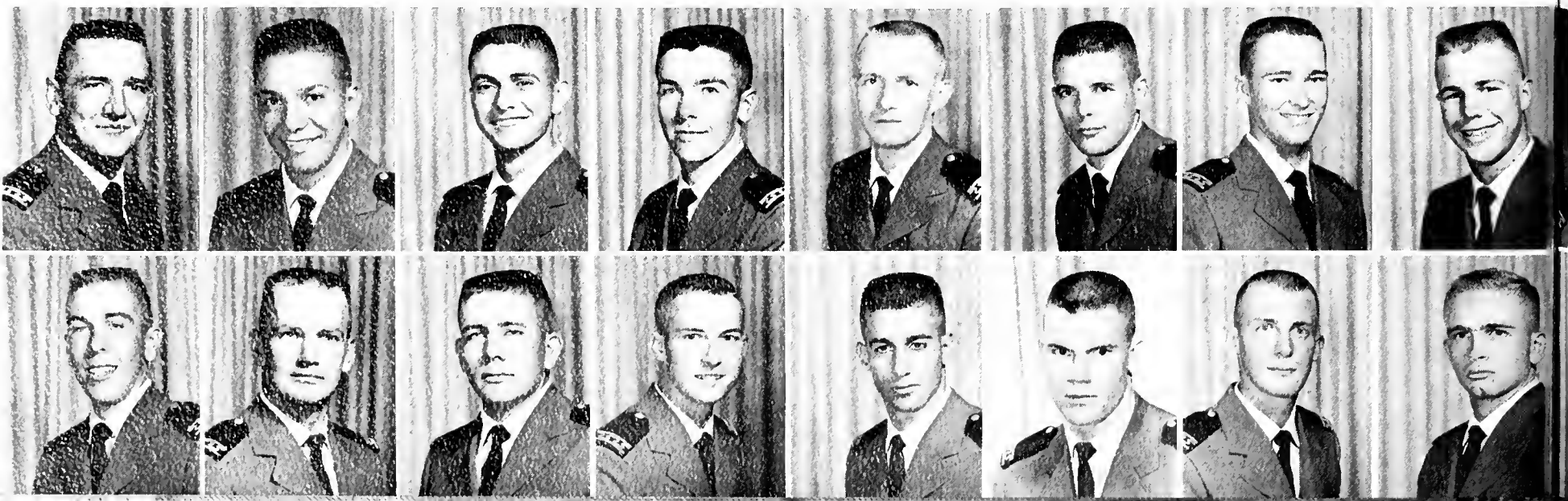
Nau, D. C.  
Odefey, M. L.

Nauton, L. C., Jr.  
Ognibene, P. J.

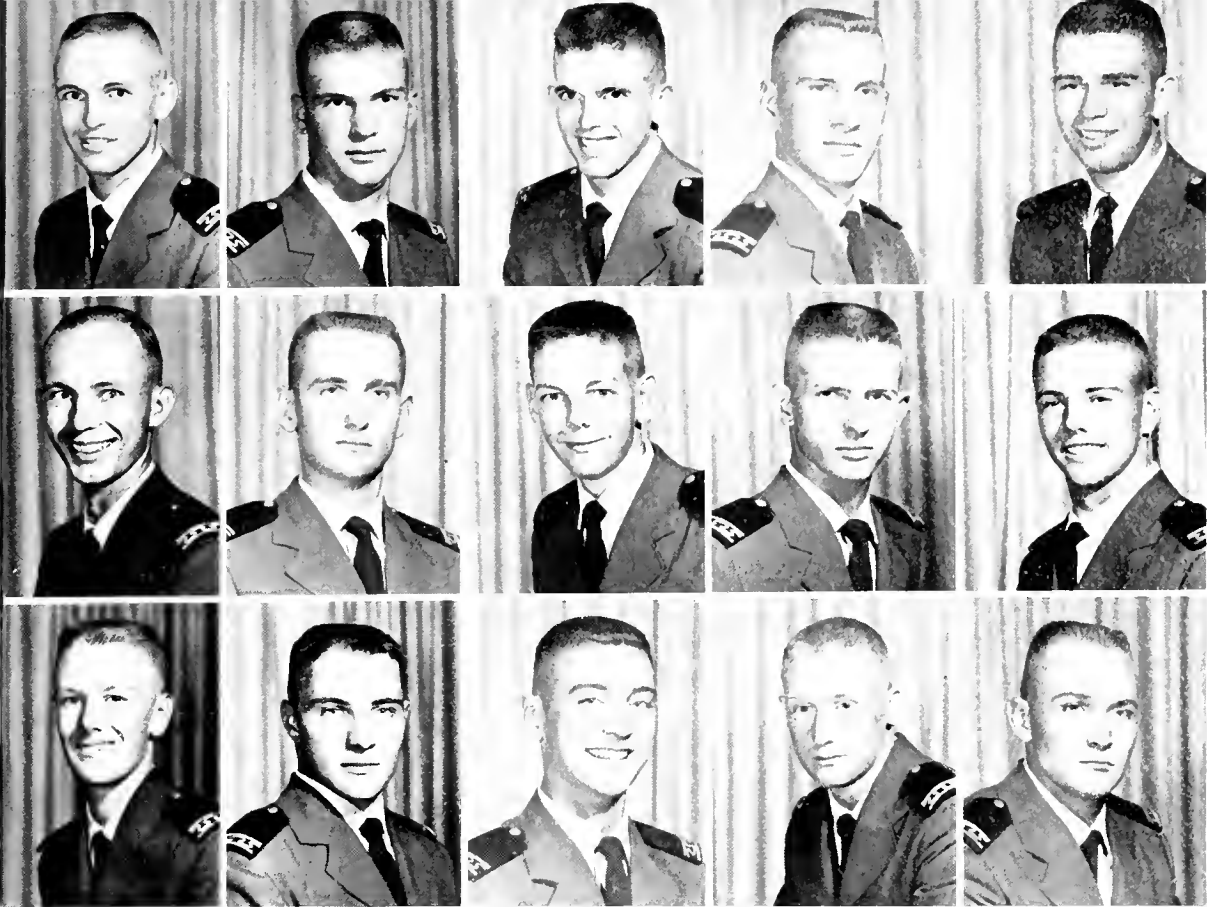
Nay, C. F.  
Ogren, C. D.

Neff, D. W.  
O'Leary, R. J.

Nehring, J. A.  
Oliver, C. W.







Melia, T. F., Jr.	Melone, R. J.	Mercier, R. A.	Merkle, G. R.	Metcalf, F. L.
Miller, J. D.	Mitchell, T. B.	Mitchell, W. B.	Moore, B. L.	Moore, P. M., Jr.
Murk, H. E.	Murphy, R. L.	Murray, J. K.	Musselwhite, G. E.	Myers, B. L.



"With malice towards some . . ."

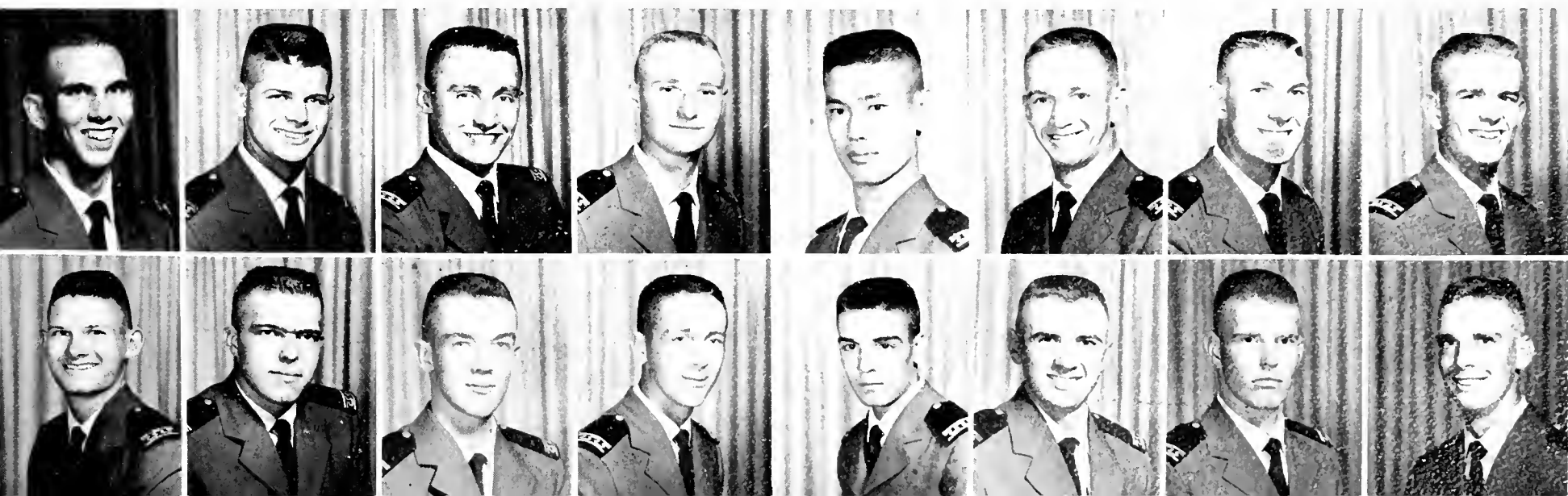


High school was never like this.



At least the setting was impressive.

Nenninger, G. L.	Newberry, W. E.	Newhouse, J. W., II	Niebur, J. E.	Nogaki, W. S.	Norris, J. H.	Norwood, W. L., Jr.	Nottingham, B. A.
Olson, J. E.	Olson, W. H.	Ormond, R. T.	Ott, J. D.	Palazzolo, J. W.	Paprowicz, R. D.	Parker, C. W.	Parlette, R. L.







Fighter jock for o day!

Ralston, F. D., III  
Rohatsch, R. R.

Ransom, K. W.  
Rohrs, D. L.

Rathburn, R. L.  
Rooks, R. J.

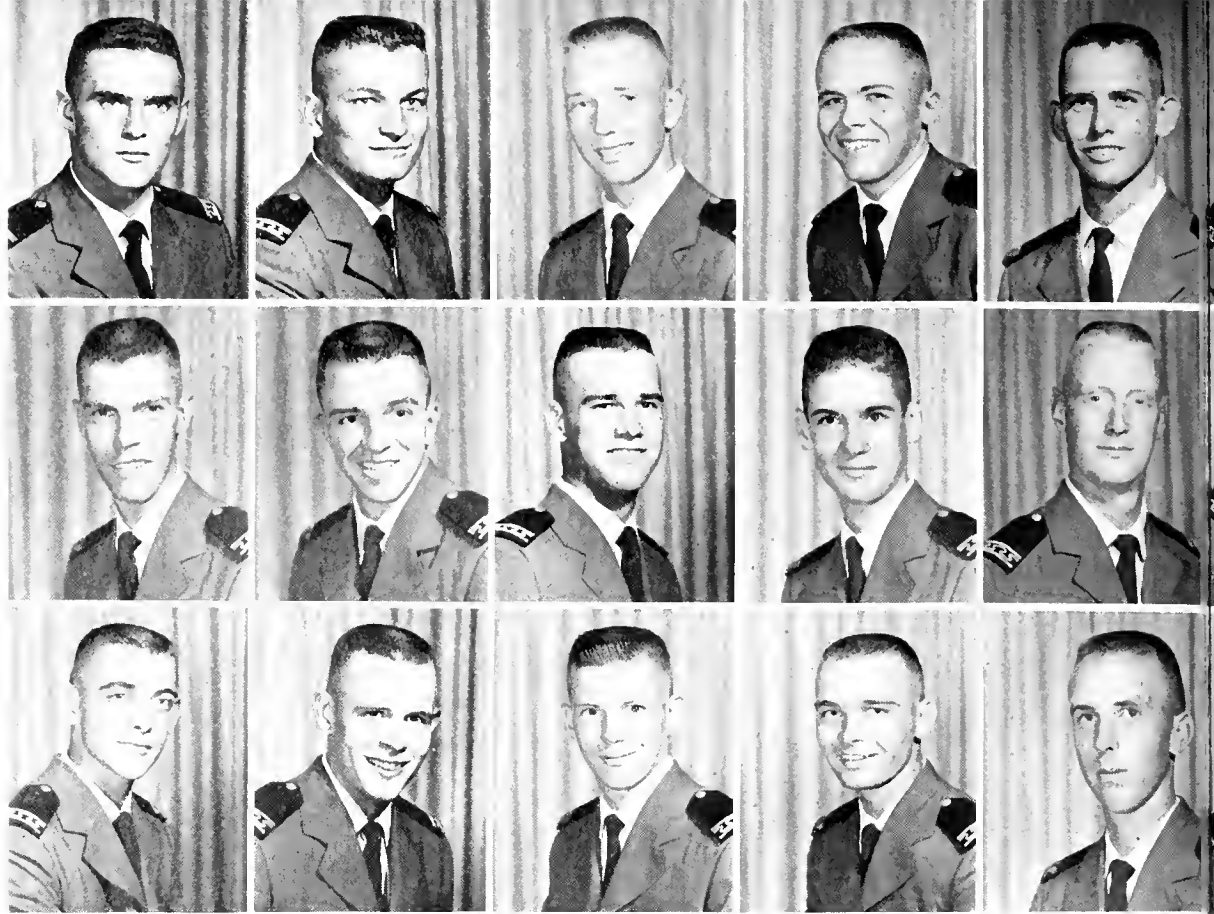
Rector, J. C.  
Roscoe, M. C.

Reemtsma, W. L.  
Rosendahl, E. E., Jr.

Regelbrugge, J. M.  
Roth, M. J. C.

Regnier, F. M.  
Rotz, D. H.

Reinstein, B. R.  
Roush, J. G.



Parma, W. H.  
Pfeifer, G. W.  
Porch, F. C.

Parra, R. J., Jr.  
Pfeifer, N. L.  
Porter, F. C.

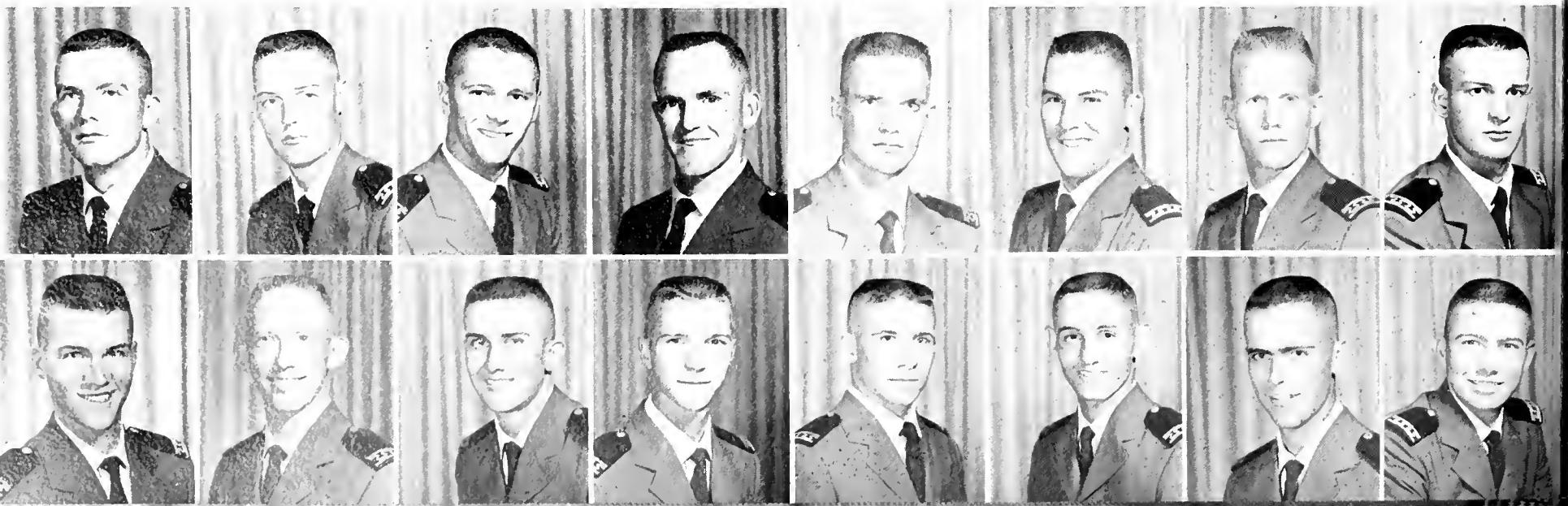
Pasquet, G. A.  
Phillips, J. R.  
Porter, W. R. C.

Patchin, A. D.  
Pickens, W. E., II  
Potenzo, P. H.

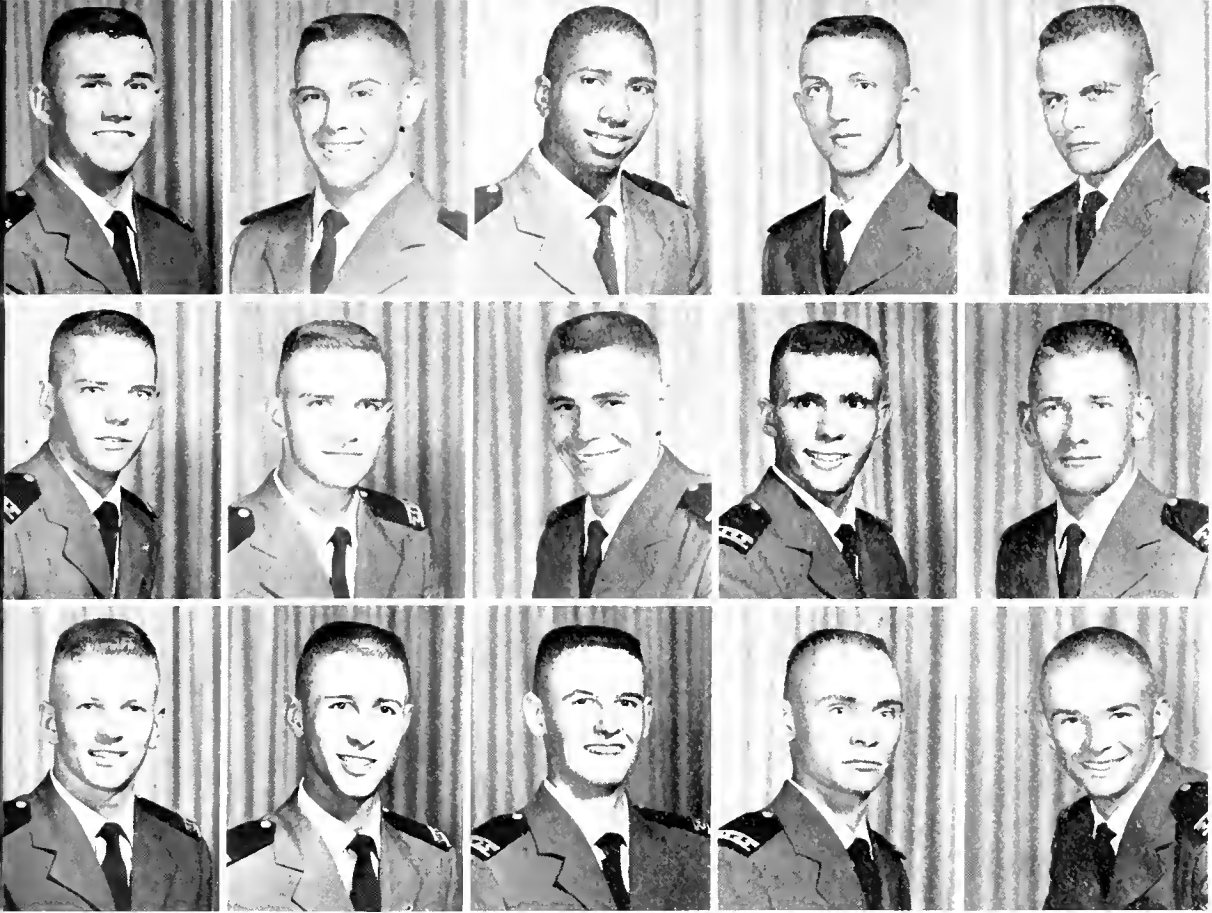
Patterson, P. F.  
Pierson, J. H.  
Povilus, W. R.



Only room for one, men.







Patterson, R. E.	Patton, J. B.	Payne, I. S., IV	Pesmark, D. J.	Peters, J. F.
Pierson, T. C.	Pirrucello, J. S.	Poer, D. G.	Pollitt, G. W.	Pollock, R. G.
Power, D. R.	Prenz, J. E.	Preston, C. A.	Probst, L. J.	Rader, R. F.



"Cheer up, Corter, it's about done."

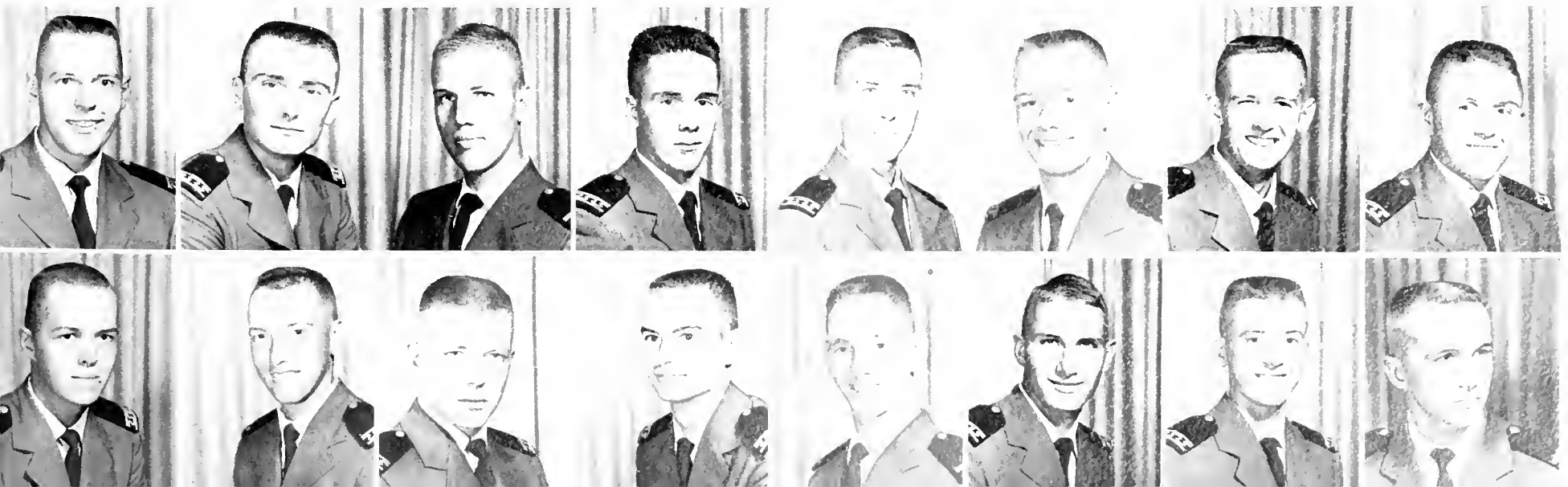


"Some knew the way."



Model home under construction.

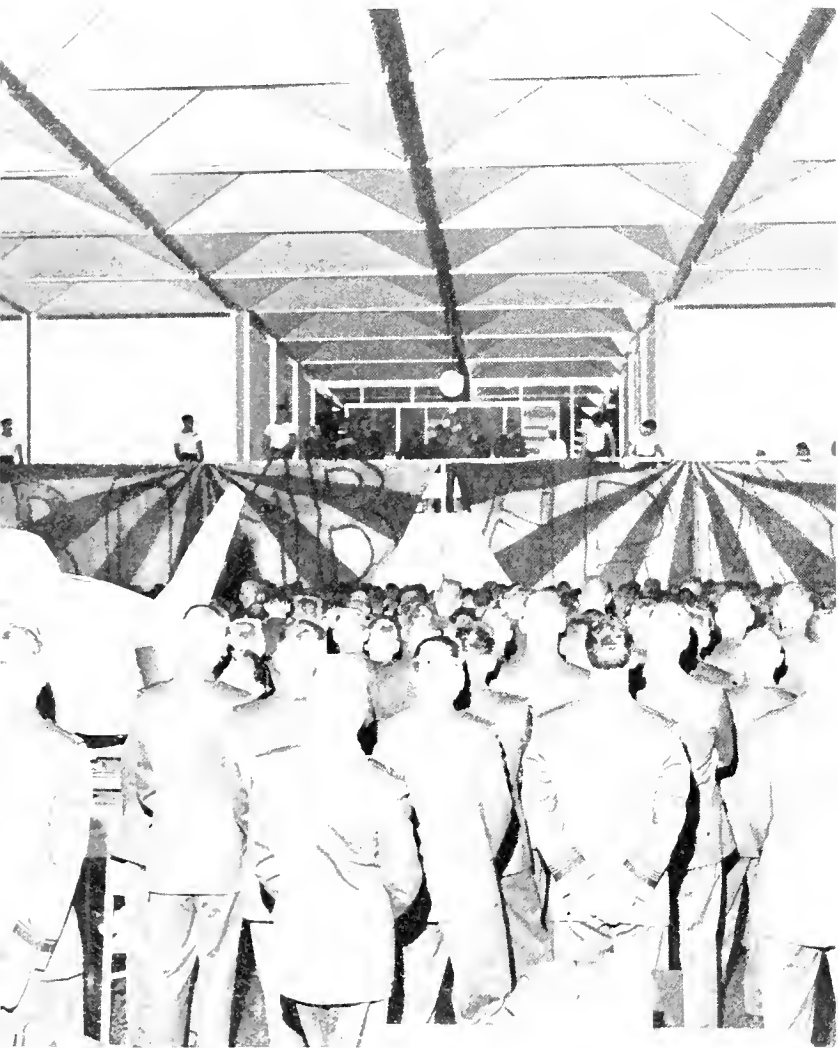
Reisdorf, E. G.	Rex, R. F.	Reynolds, R. S.	Rickards, C. J.	Rigsbee, G. M.	Ringler, D. L.	Ritchie, W. J.	Roemer, R. B.
Rowell, G. A.	Roy, R. W.	Rudd, W. T.	Russell, R. L.	Saban, G. H.	Sahd, T. M.	Sailors, J. L.	Sands, R. L.



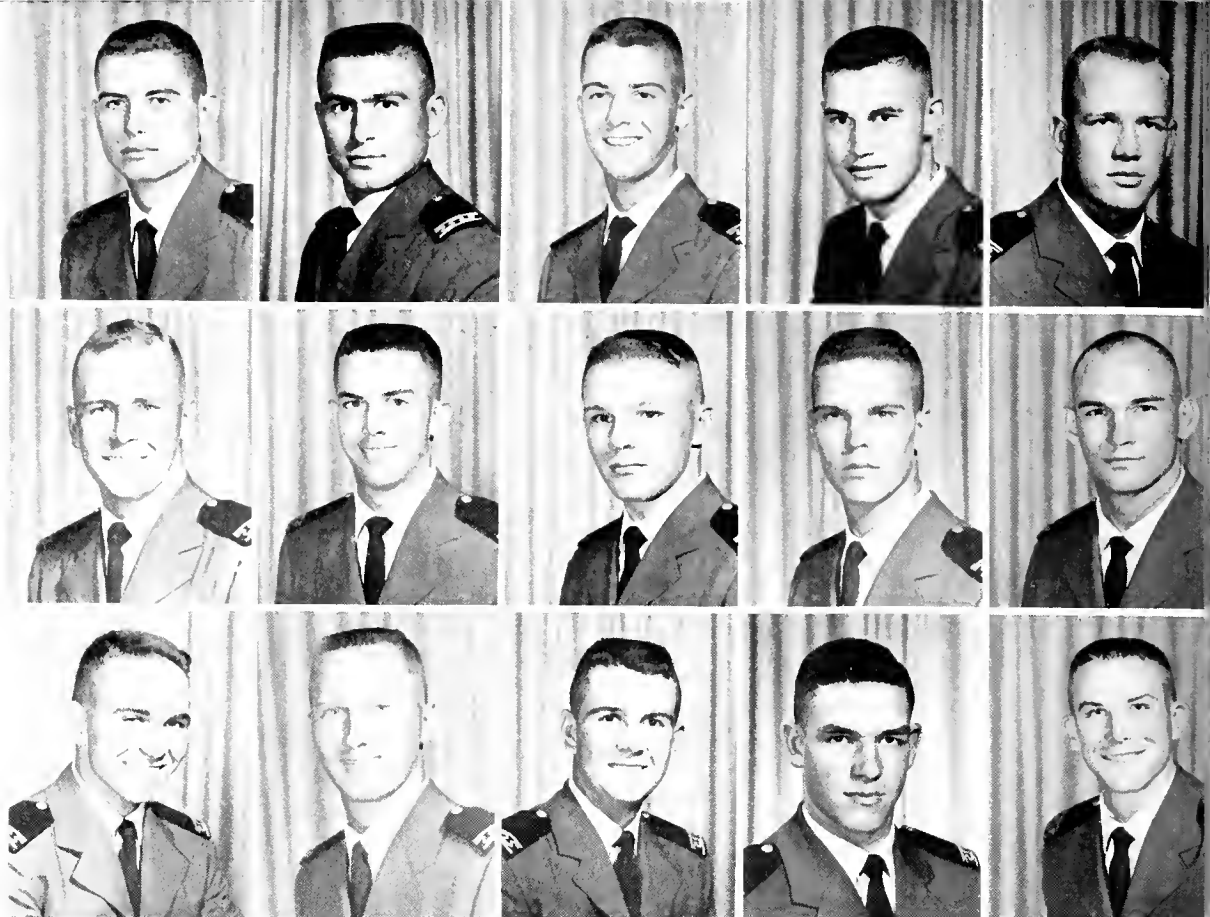




Then it was back to the Old Grind.



Bomb Army Rally.



Savonin, S. J.  
Severson, L. L.  
Shuck, J. W.

Schnaidt, L. C.  
Shaffer, C. G., Jr.  
Shutack, R. A.

Schneider, D. K.  
Shagner, W. A., II  
Simmons, D. R.

Schroeder, T.  
Sharp, T. M.  
Simpson, C. S.

Schuchter, J. F.  
Shaw, R. E.  
Simpson, R. B.



Erudite eremites.

Slowik, R. A.  
Taylor, D. J.

Small, D. W.  
Taylor, J. R.

Smith, E. L.  
Teising, R. C.

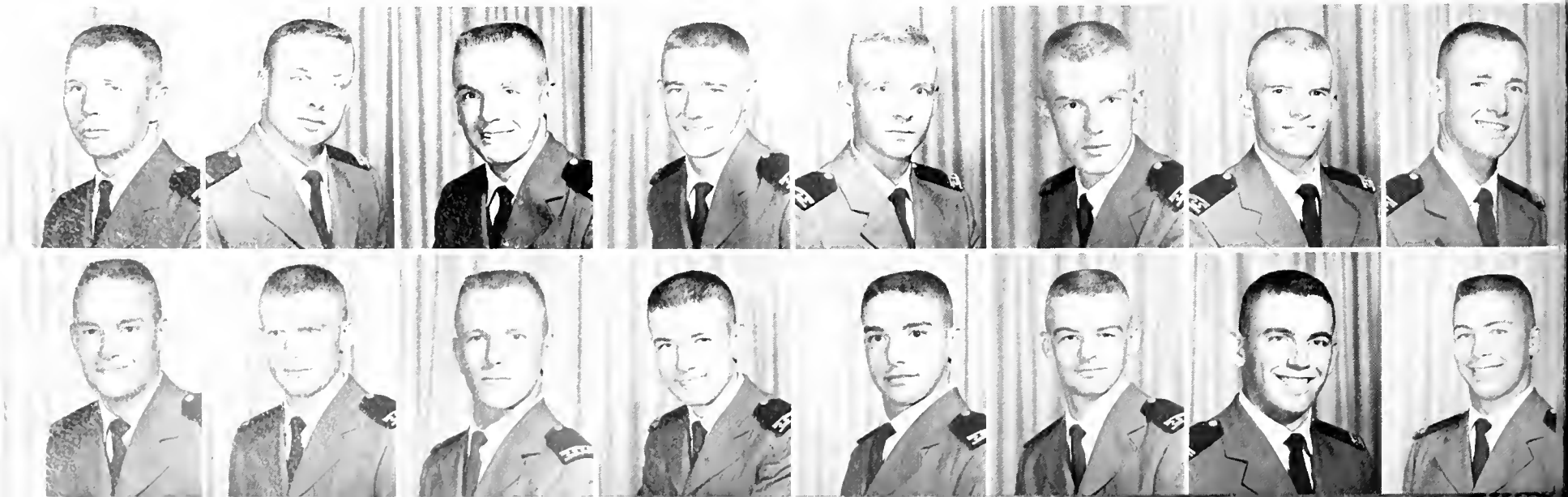
Snow, H. T., Jr.  
Terrell, T. F., III

Sorensen, R. A.  
Teta, A. A.

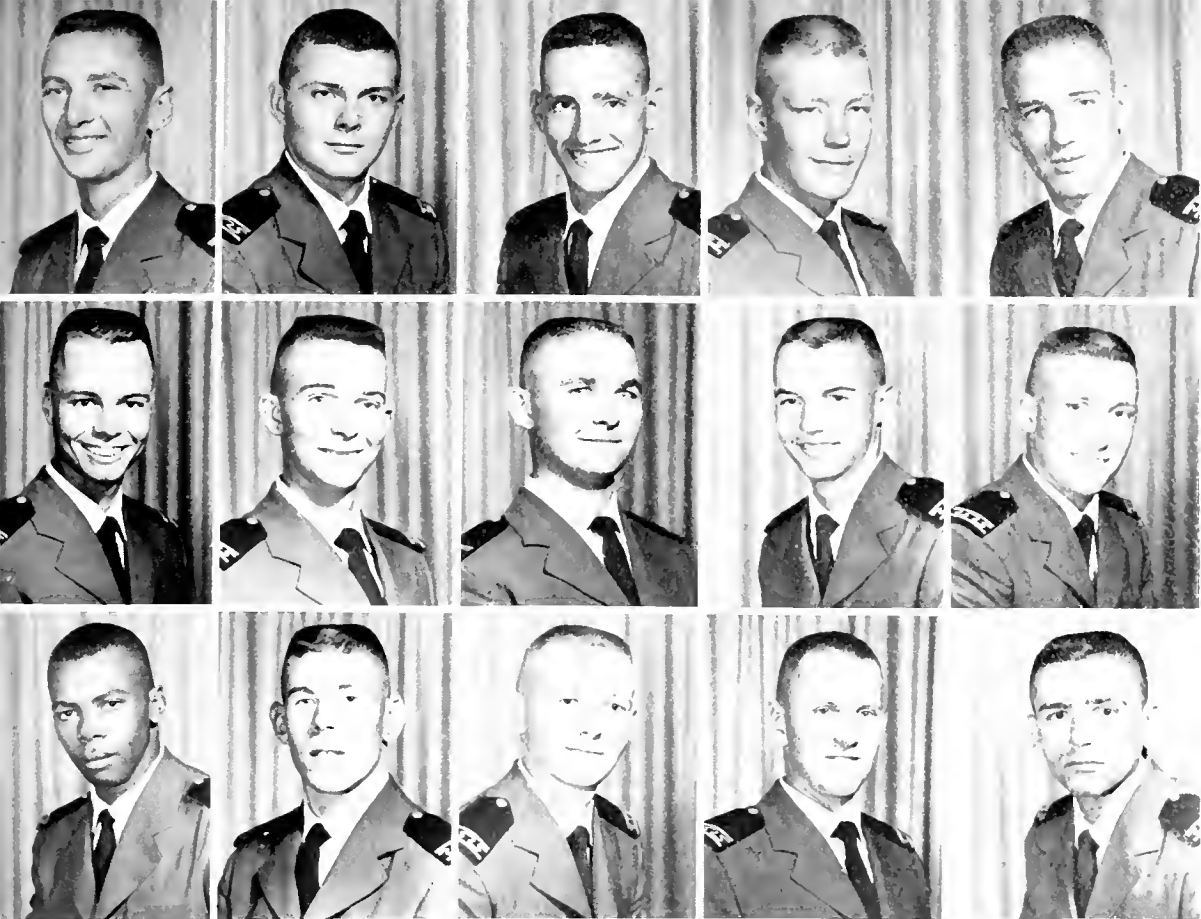
Sorenson, N.  
Thacker, V. L.

Sprenkle, J. H.  
Thies, J. C.

Springs, L. D.  
Thomas, H. A., Jr.







Schuhmacher, J. E.	Schulze, N. E., Jr.	Schuman, J. D.	Schweinle, W. E.	Scott, J. D.
Shearer, E. L.	Sherrill, G. H.	Shillcutt, D. D.	Shmoldas, J. D.	Shriner, R. D.
Simpson, W. H.	Sims, R. B.	Sirovatka, L. C.	Skilling, D. A.	Skoro, J. P., Jr.



Try to visualize it . . . all white.

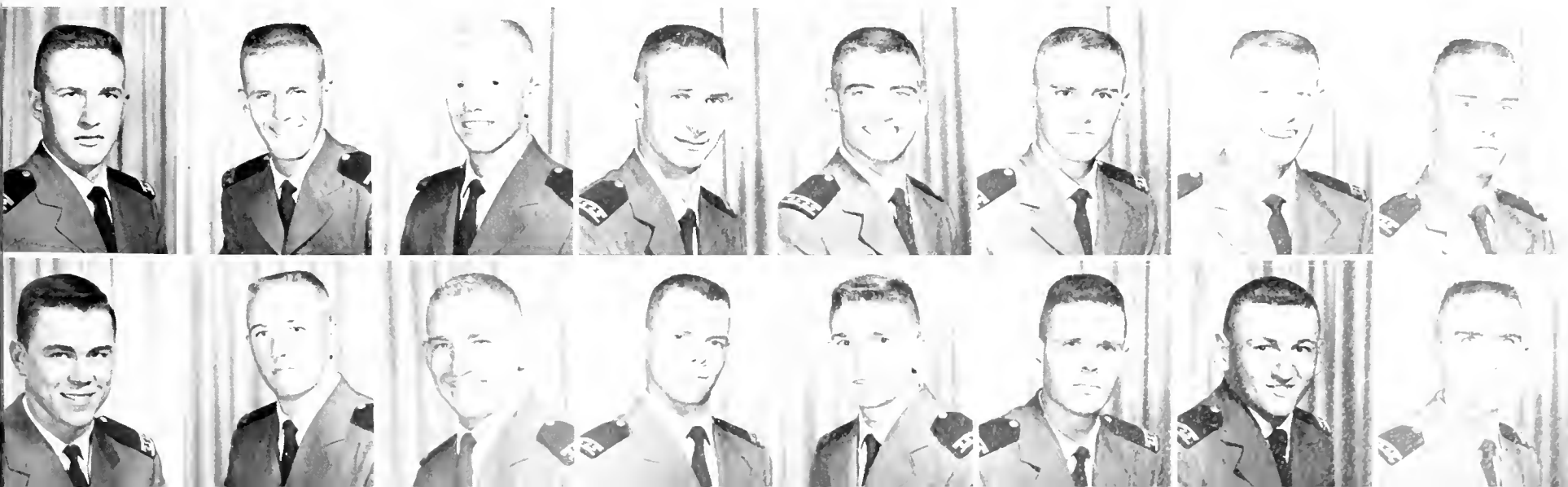


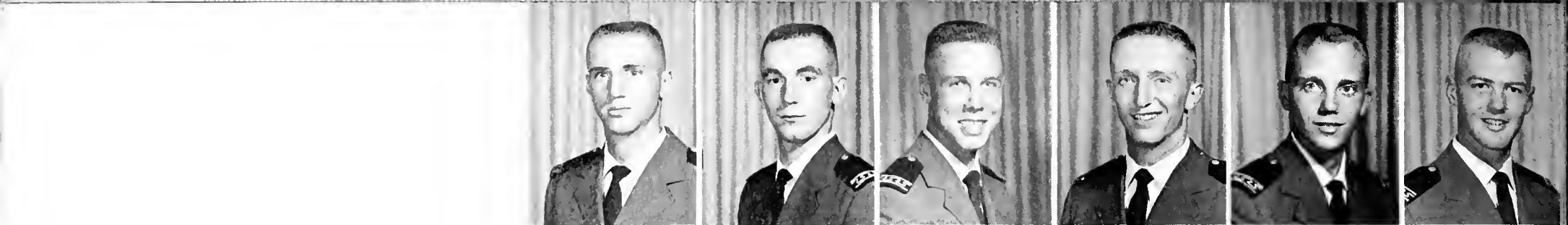
"...the Delaware. Signed, Gen'l. Geo. Washington."



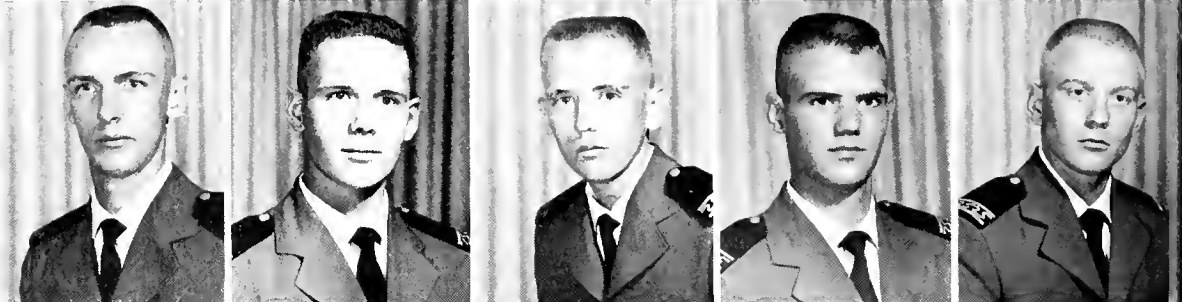
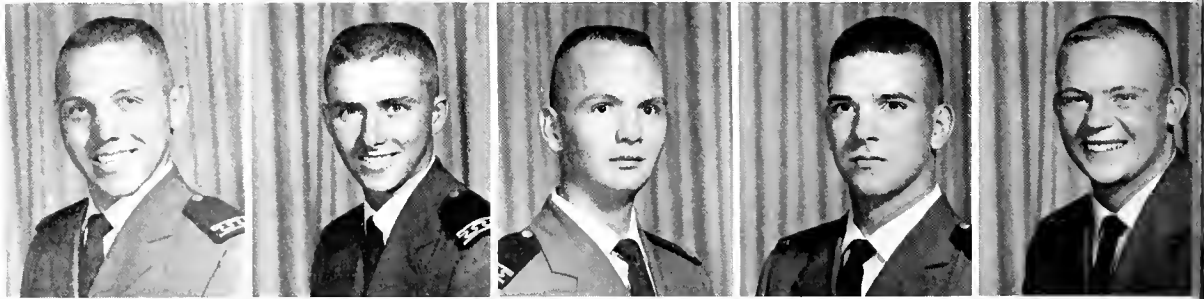
Very common form of free-loading.

Steinbrink, L. G.	Storms, R. D.	Suby, S. F.	Sula, R. L.	Sutton, S. R.	Tabor, R. A.	Tate, J. P.	Tax, F. J.
Thomas, L. T., Jr.	Thompson, L. F., Jr.	Thornton, J. E.	Thyng, J. R.	Tice, M. R.	Tippens, L. D.	Tkac, J. G., Jr.	Tomme, H. M.





Troutman, D. E.



Troy, R. O.  
Verdier, P. R., Jr.  
Walsh, T. H., Jr.

Tucker, D. C.  
Verfuss, G. R.  
Ward, G. A., Jr.

Tucker, L. M.  
Vincent, W. W.  
Ward, R. C.

Turner, R. M.  
Vogelsang, J. M.  
Warner, R. M., Jr.

Van Allen, P. R.  
Vollmer, S. J.  
Warner, W. A.



Costenboder's cool cats -- really cool!



Days were sunny now and then.

Webb, H. K.  
Wilson, H. F., Jr.

Weber, L. R.  
Wilson, J. F.

Wecker, W. E.  
Wilson, J. H. R.

Weidman, C. H.  
Wilson, W. E.

Wells, N. E.  
Winegar, R. F., II

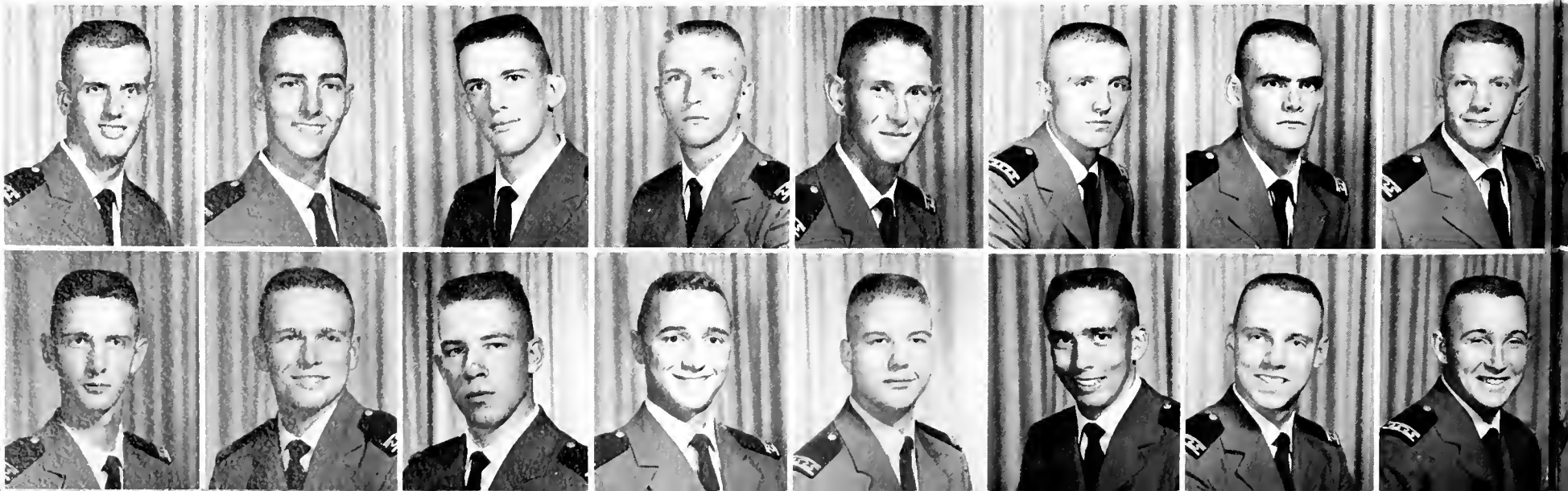
Wendt, J. A.  
Winzell, J. R.

West, C. T., Jr.  
Wolf, A. E.

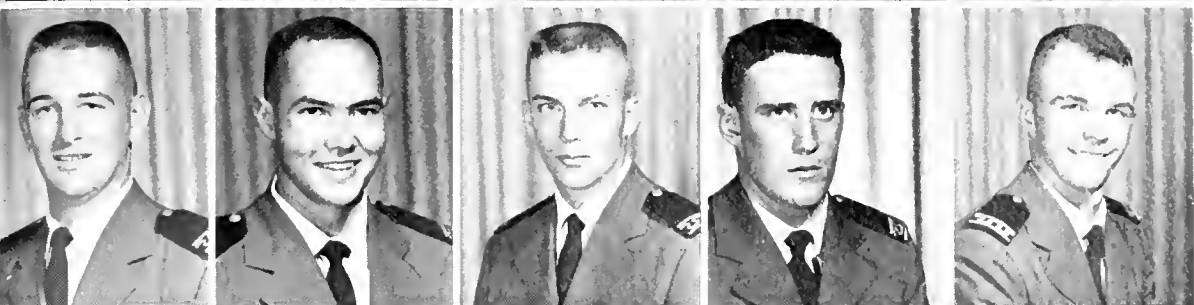
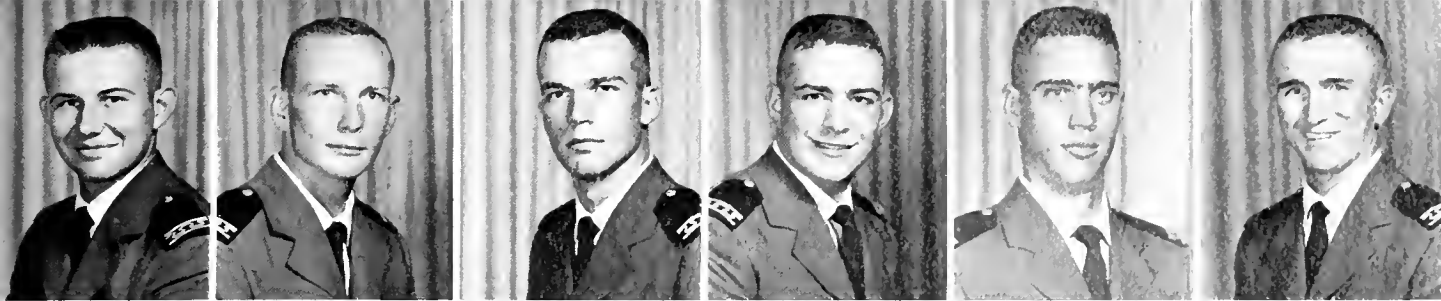
West, E. J.  
Woods, J. I.



Keep searching; the squadron's here somewhere.



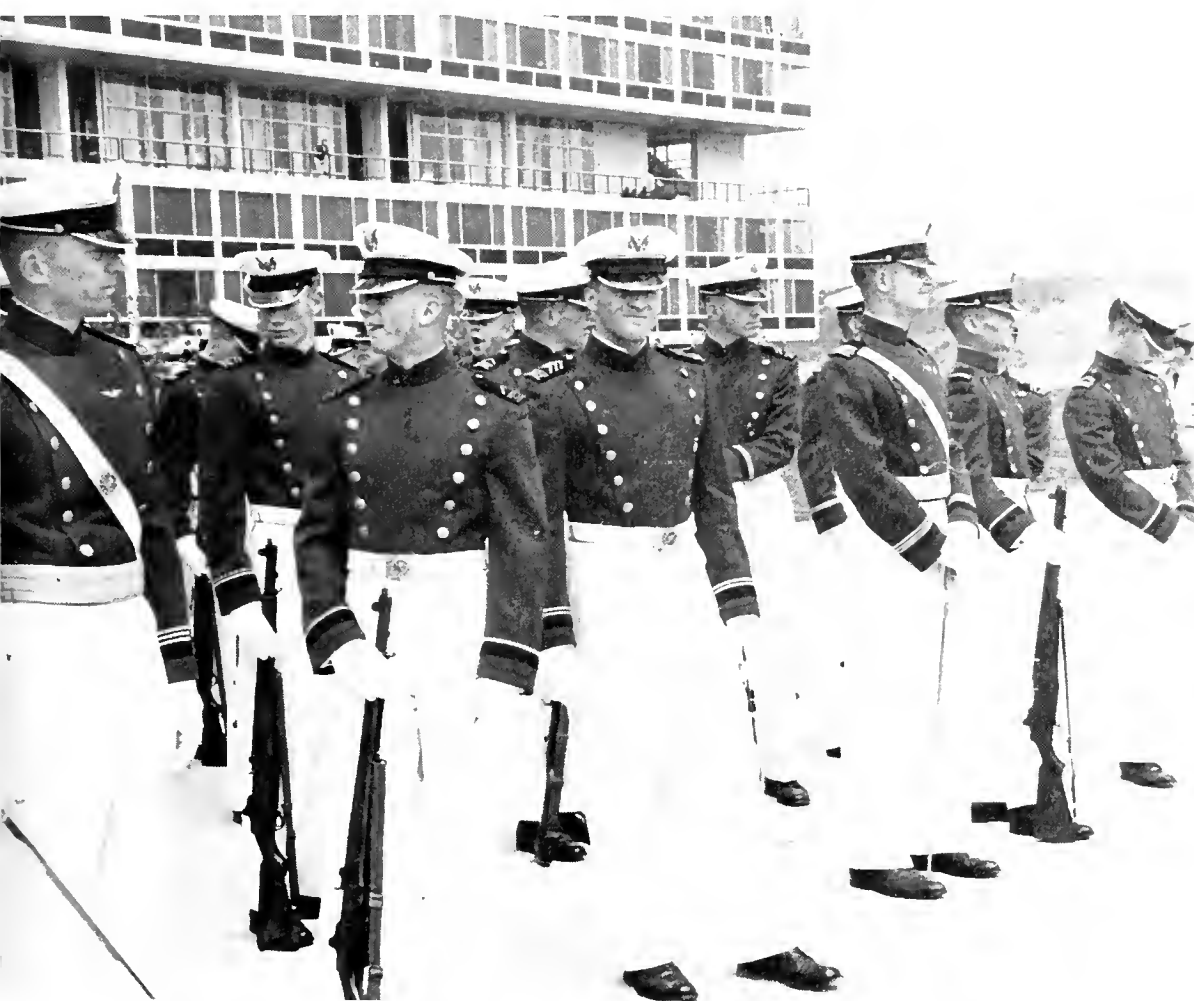




Venkus, R. E.



Vande, M. W.	Vandervort, J. B.	Vara, R. F.	Vaughn, E. W.	Veale, W. D.
Vorhees, R. L.	Wallace, A. A.	Wallace, G. E.	Wallace, W. H.	Walrath, B. A.
Washburn, D. C.	Waterman, A., Jr.	Watt, A. K.	Wax, D. J.	Weaver, J. L.

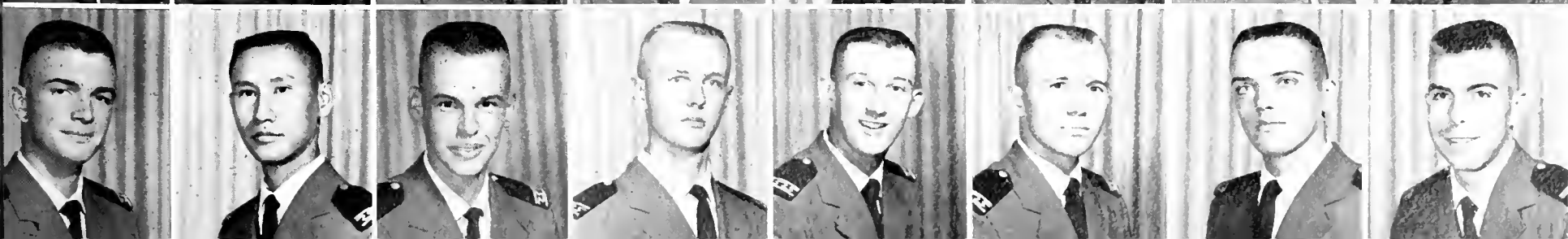
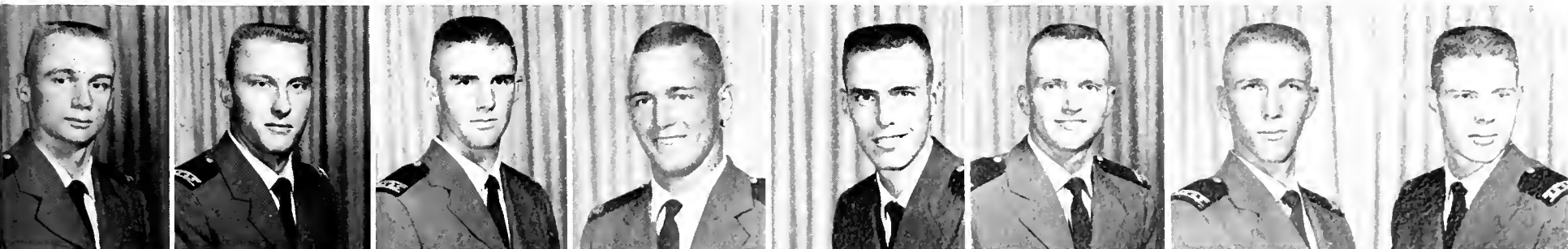


Sure enough, the snow finally melted . . .



But we weren't allowed to.

West, G. W.	Westbrook, S. W., II	Westerbeck, G. W.	Wetherington, C. B.	Wetterhahn, R. F.	White, W. E.	Wildonger, J. A.	Wilson, D. E.
Wynne, P. E.	Yee, D. K.	Young, E. A.	Young, J. R., II	Zamboldi, R. J.	Zimmerman, J. E.	Zoeller, R. J.	Zygner, J. O.

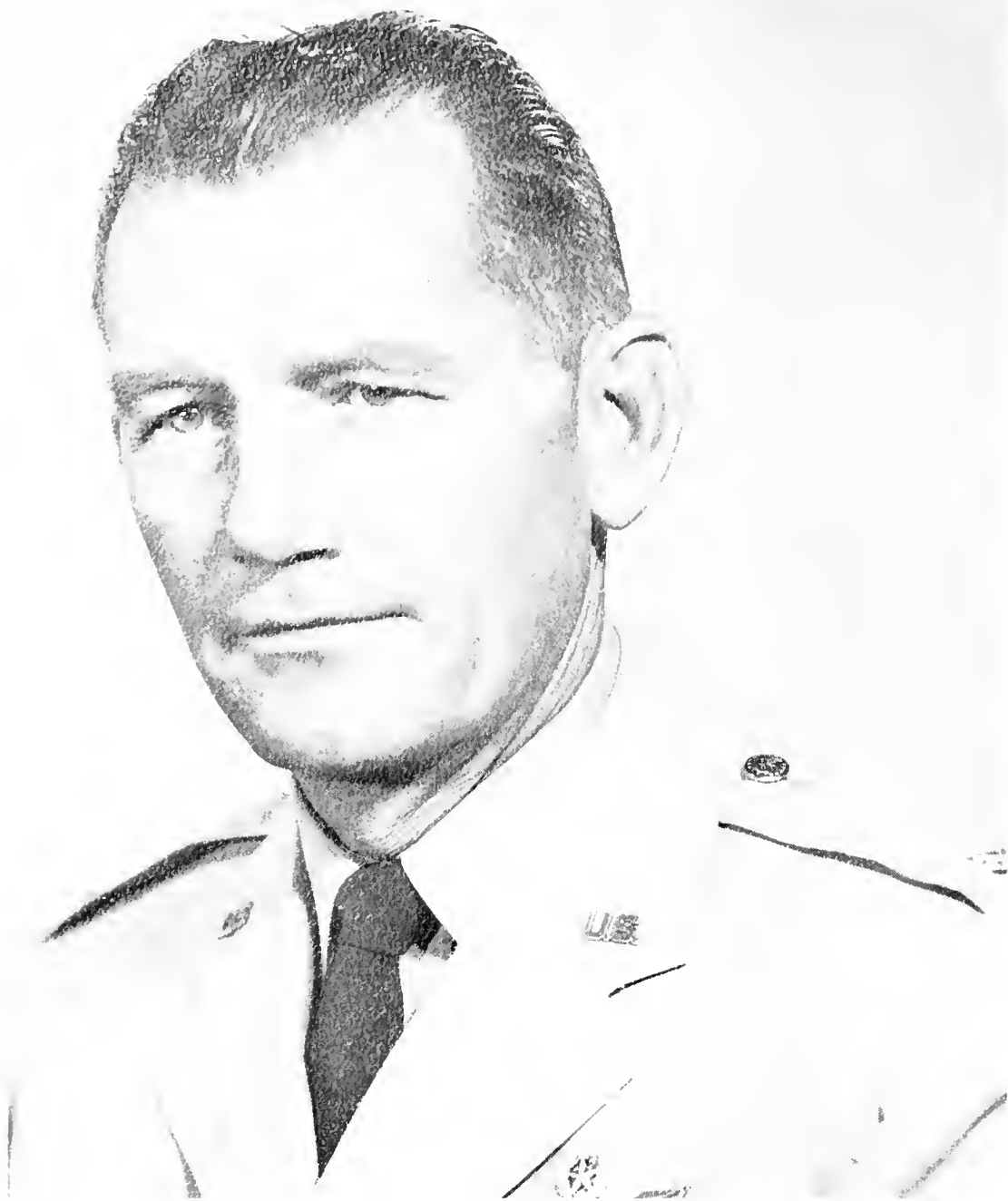








**Personnel**



Deputy Base Commander  
COL. JASPAR A. WESTBROOK



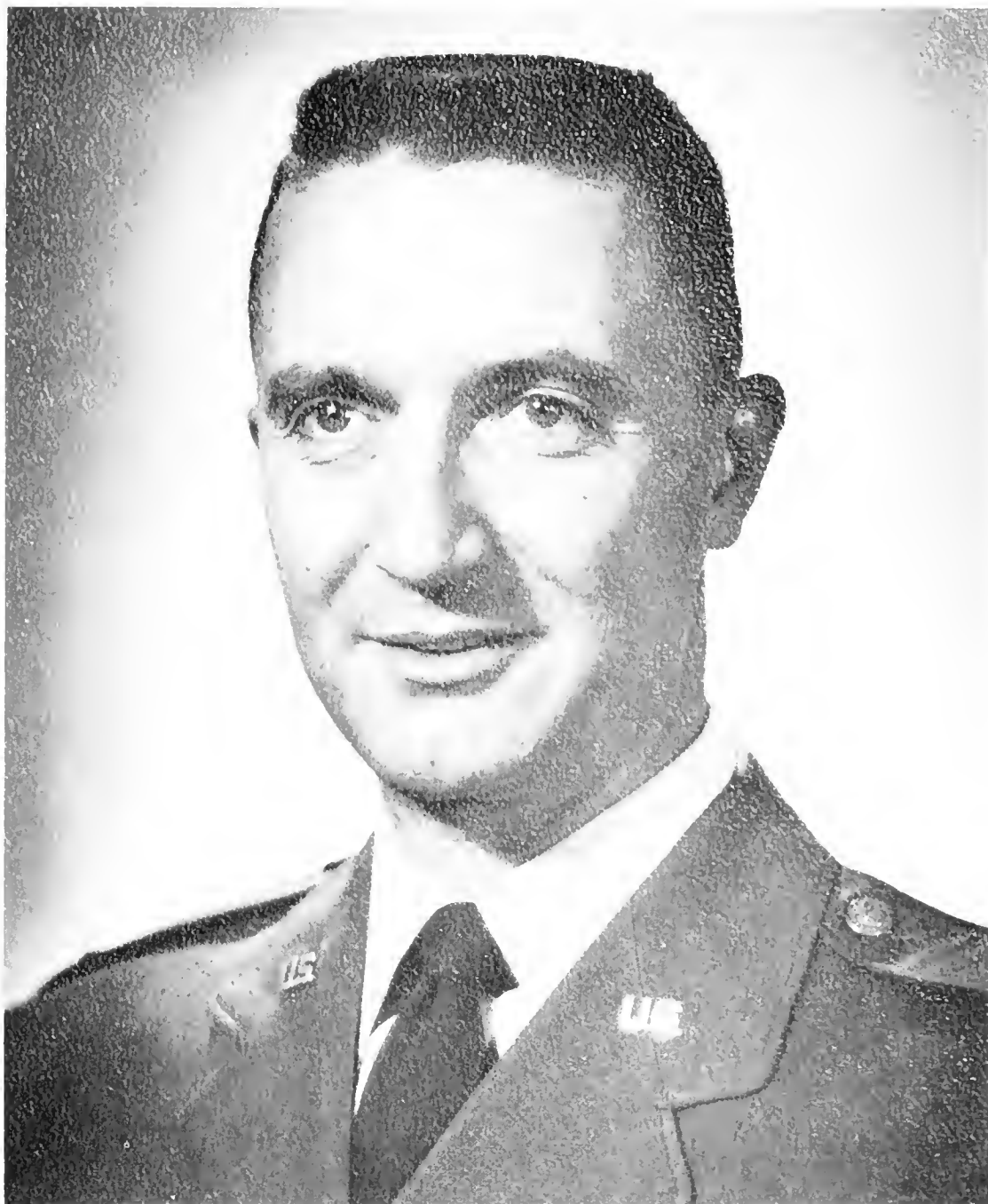
DCS Comptroller  
LT. COL. D. H. BULL



DCS Civil Engineering  
LT. COL. J. L. CROSSEY



Chief of Staff  
COL. D. J. ROGERS



DSC Materiel  
LT. COL. H. F. MURRAY

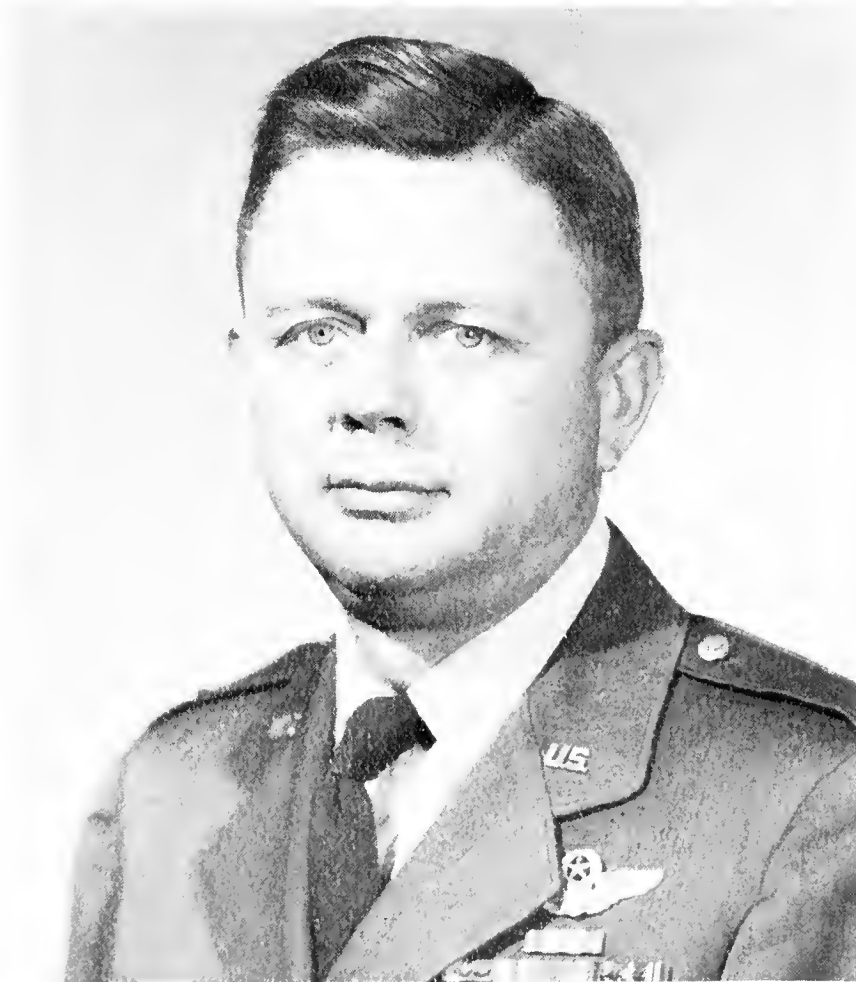


Director of Administrative Services  
MAJ. W. H. MURPHY

Judge Advocate  
COL. CHRISTOPHER H. MUNCH



Director of Information Services  
COL. R. B. GOOD



Director of Inspection  
LT. COL. J. H. McCULLOUGH





DCS Personnel  
COL. E. F. BOURNE, JR.



Director of Hospitals  
COL. R. S. FIXOTT



Director of Libraries  
LT. COL. G. V. FAGAN



Protestant Cadet Chaplain  
COL. C. I. CARPENTER



Catholic Cadet Chaplain  
COL. S. J. O'CONNOR



Registrar  
LT. COL. V. G. O'CONNOR



Organist and Choirmaster  
MR. J. R. BOYD



Director of Athletics  
COL. GEORGE B. SIMLER



Director of Physical Education  
LT. COL. CASAMIR J. MYSLINSKI



Director of Intercollegiate Athletics  
MR. ROBERT JAMES

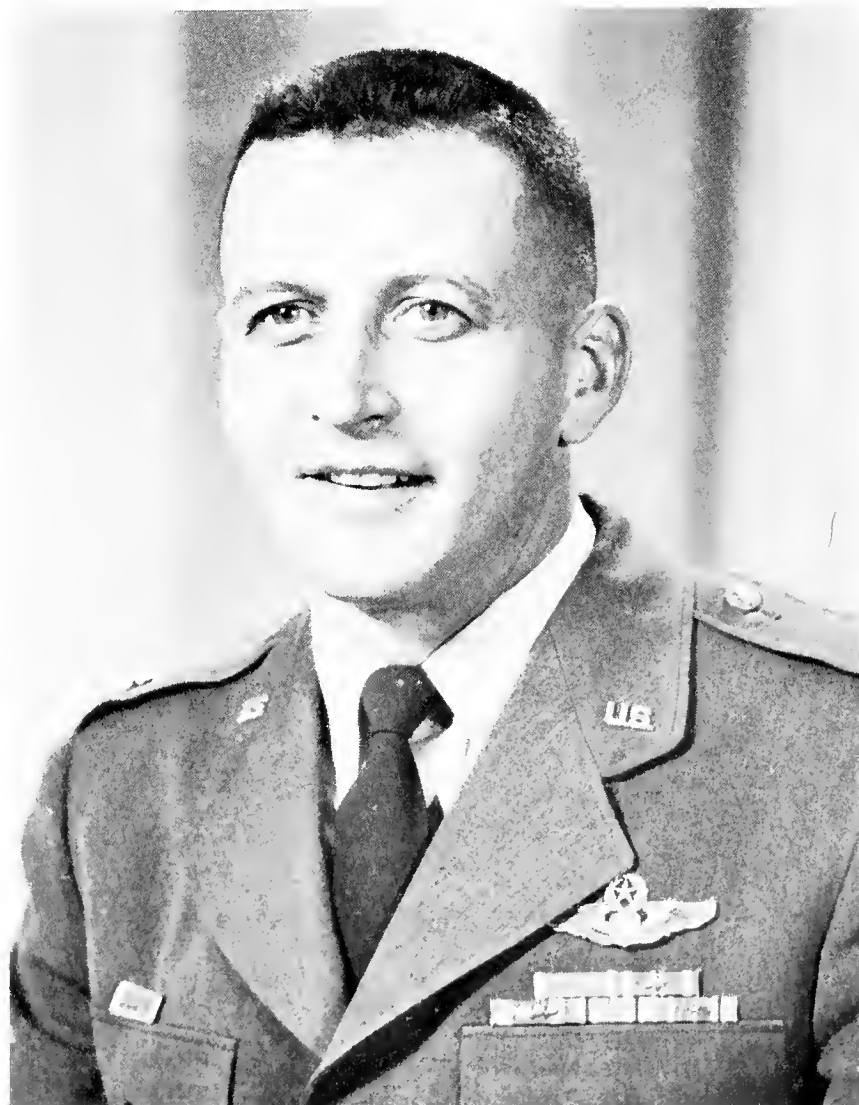




Deputy Commandant for Airmanship Studies  
COL. GERARD G. WOLKE

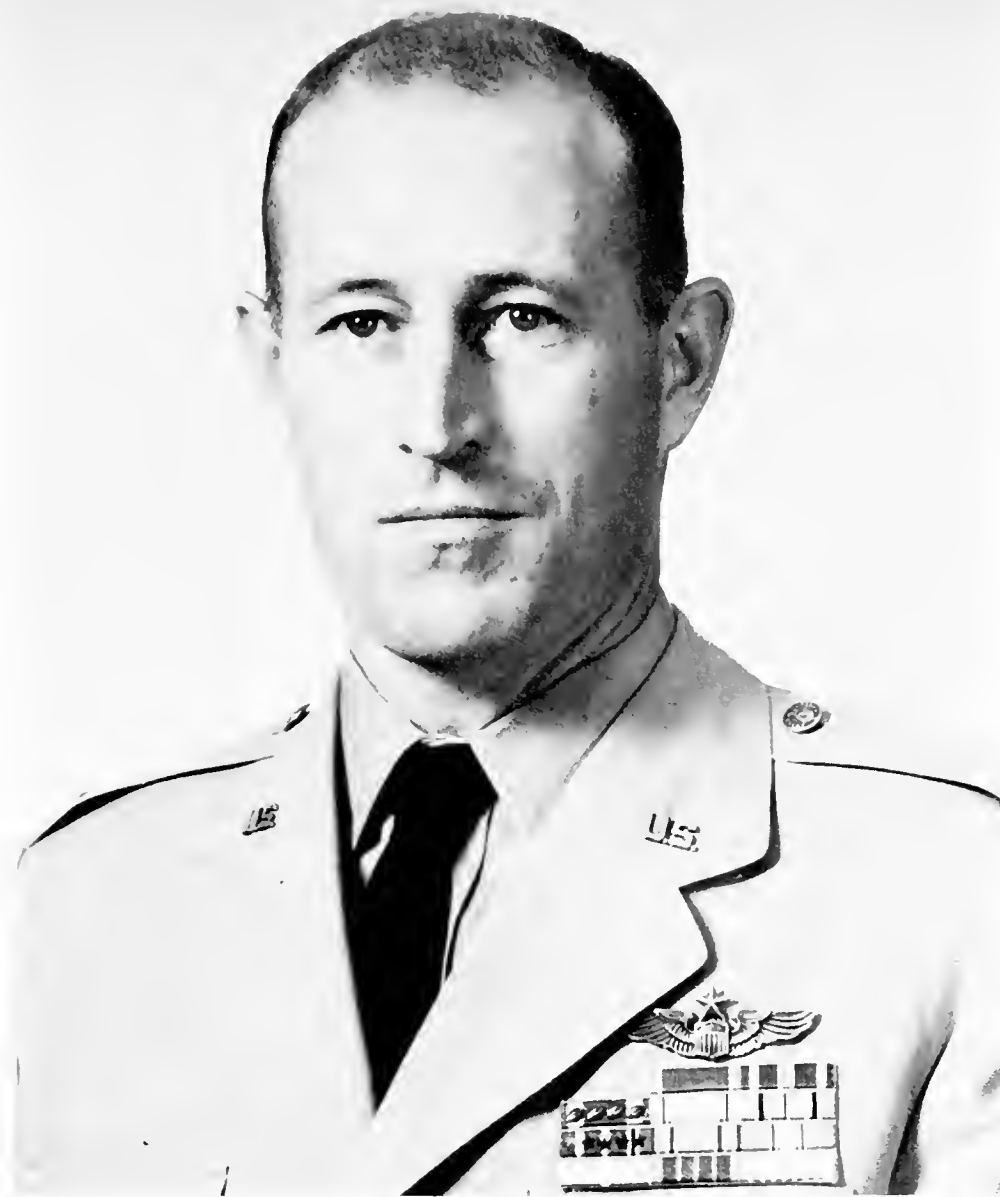


Director of Leadership Studies  
LT. COL. GABRIEL D. OFIESH



Director of Military Studies  
LT. COL. L. J. CHURCHVILLE





Deputy Commandant For Cadet Wing Command  
COL. LOUIS T. SEITH



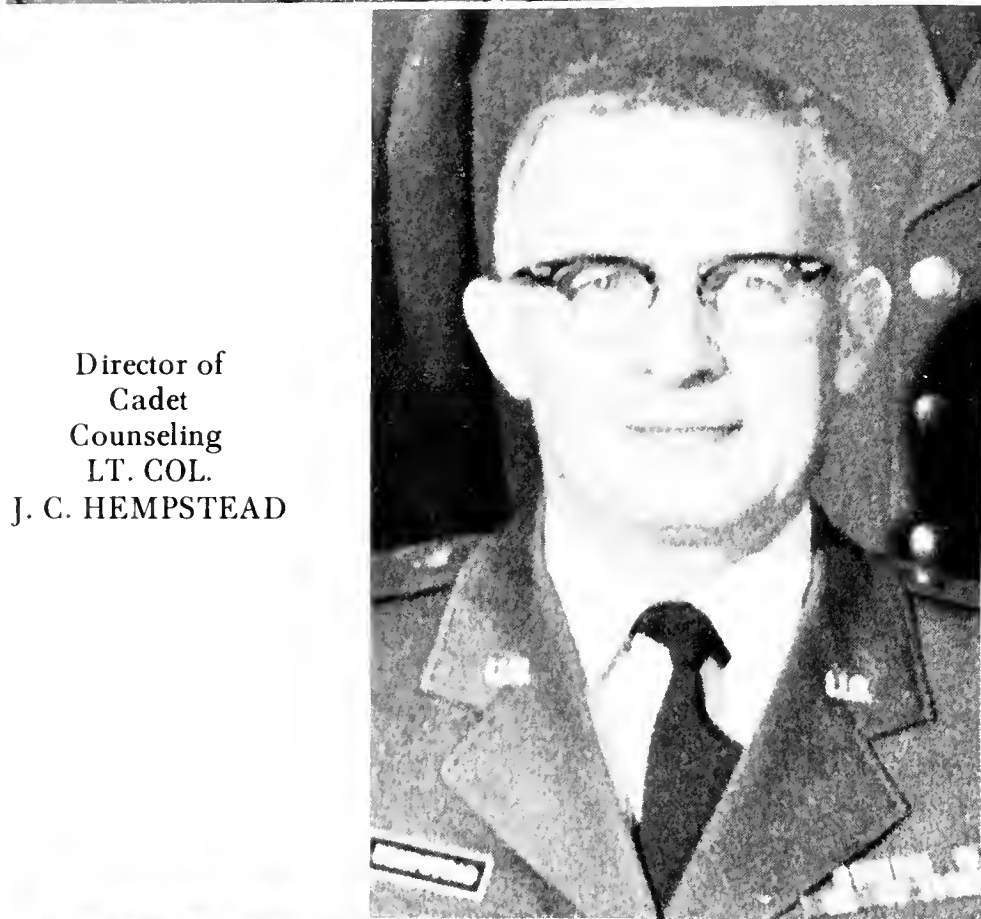
Director of Cadet Wing Services  
LT. COL. C. R. DARNOLD



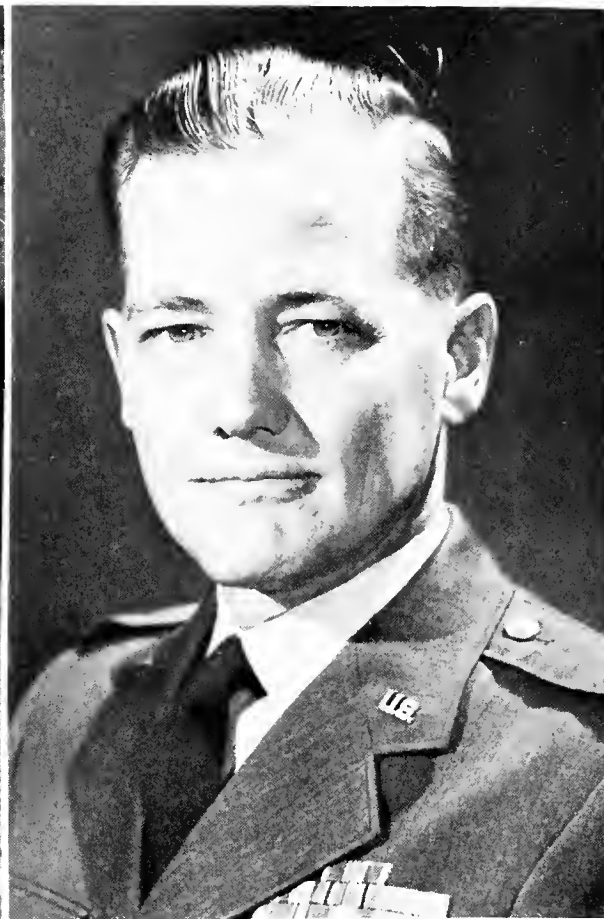
Assistant to Dean  
LT. COL. V. J. FERRARI



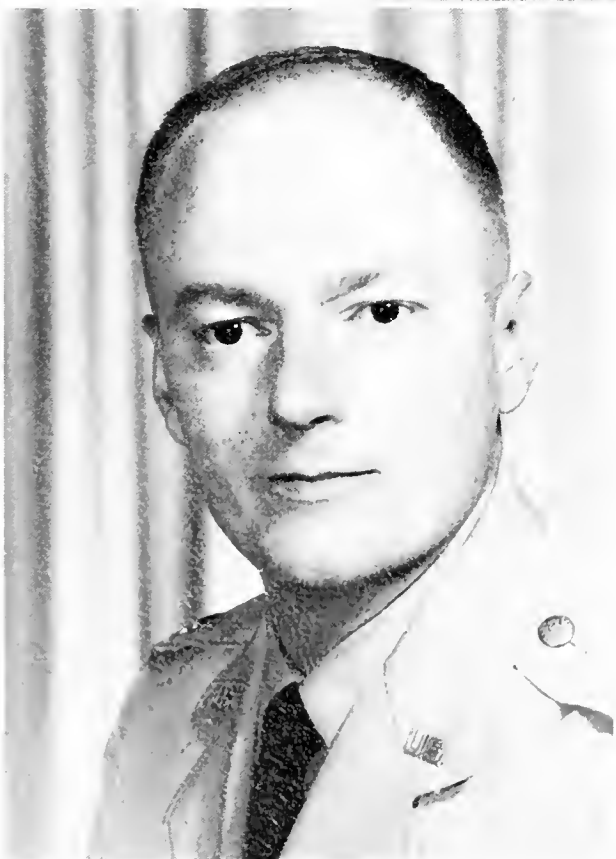
Director of Personnel and Administration  
MAJ. STEPHEN MATTICK



Director of  
Cadet  
Counseling  
LT. COL.  
J. C. HEMPSTEAD



Director of  
Cadet  
Dining Hall  
MAJ. M. McNABB



Director of Cadet Activities  
CAPT. H. C. EMANUEL



Director Academy Band  
CAPT. C. W. COSTENBADER





MRS. GAIL McCOMAS



MRS. P. TURNER

Cadet Wing Hostesses





1st Group AOC  
MAJ. EVERETTE L. MARCUM



1st Squadron AOC  
CAPT. H. E. DUNIVANT



2nd Squadron AOC  
CAPT. RUFUS M. MONTS



3rd Squadron AOC  
CAPT. FREDRICK J.  
HAMPTON



4th Squadron AOC  
MAJ. CHARLES M. HALL



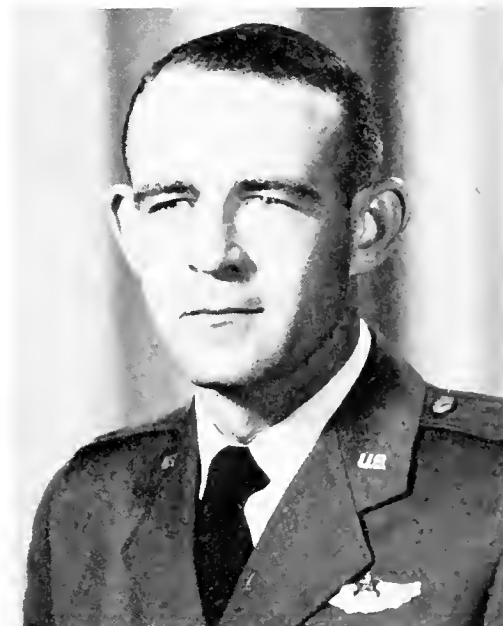


2nd Group AOC  
MAJ. R. A. DUNN



5th Squadron AOC  
CAPT. BILLY J. ELLIS

6th Squadron AOC  
CAPT. PATRICK E. MCGILL



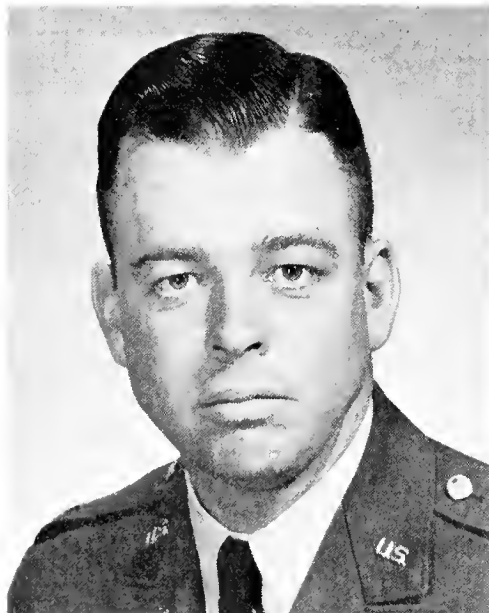
7th Squadron AOC  
MAJ. EARLE H. AMBROSE

8th Squadron AOC  
CAPT. PAUL M. INGRAM





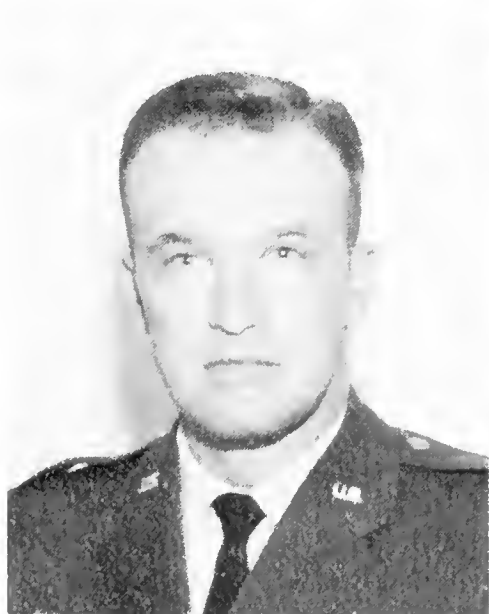
3rd Group AOC  
LT. COL. M. L. BOSWELL



9th Squadron AOC  
MAJ. WILLIAM A. PATCH



10th Squadron AOC  
CAPT. RICHARD G. CARNRIGHT



11th Squadron AOC  
MAJ. C. E. HAIRSTON, JR.

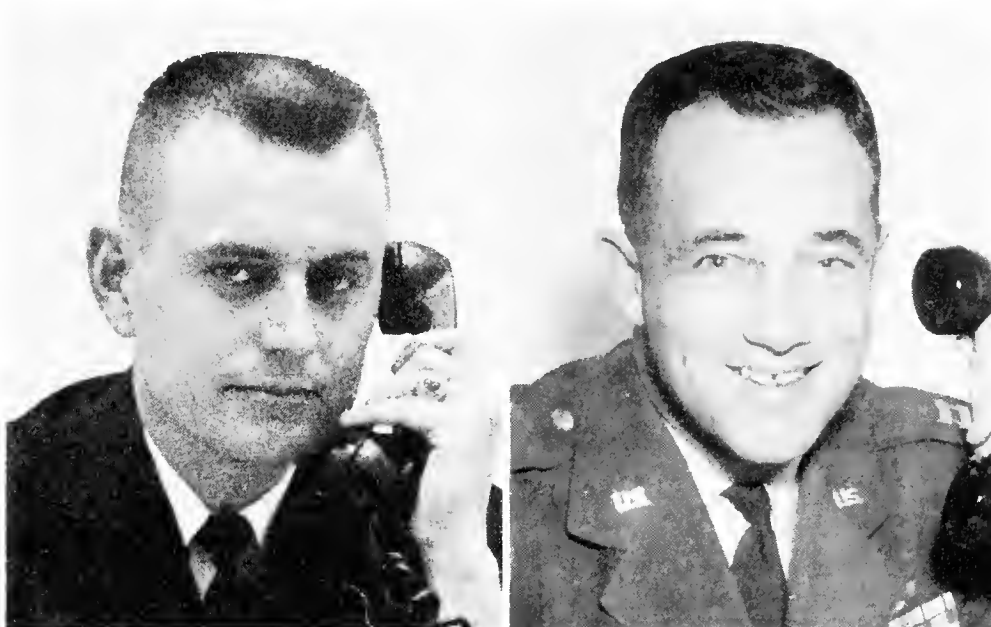


12th Squadron AOC  
MAJ. JAMES D. WOODSON



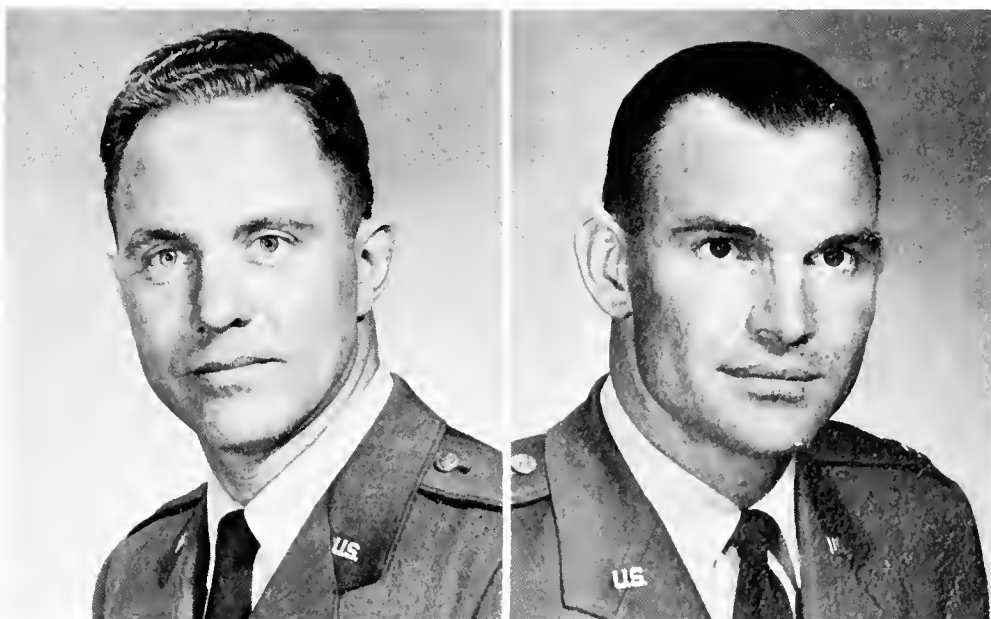


4th Group AOC  
MAJ. LEONARD W. LILLEY



13th Squadron AOC  
LT. COMDR. W. N. SMALL

14th Squadron AOC  
CAPT. RALPH W.  
STEPHENSON



15th Squadron AOC  
CAPT. THOMAS F.  
BULLOCK

16th Squadron AOC  
MAJ. JAMES G. SANDMAN

# Department of Military Studies

Director of Military Studies  
LT. COL. L. J. CHURCHVILLE

**Standing:** Cpts. Hite, K. F.; Baxter, W. H.; Mullaney, D. M.; Crane, G. A. **Seated:** Lcdr J. N. Price, Lt. Col. L. J. Churchville, Maj. R. M. Pomeroy. **Absent:** Wg Cdr R. W. G. Freer, Sqdn Ldr K. A. Martin.





# Department of Leadership Studies

Director of Leadership Studies  
LT. COL. GABRIEL D. OFIESH

**Standing:** Capt. Lyle D. Koopke, Capt. Mathews M. Collins, TSgt. William L. Brooks, MSgt. Vernon D. Doyhoff, Capt. Joseph P. Seymour (U.S.A.). **Seated:** Capt. John A. Magee, Jr., Lt. Colonel William G. Ryan, Lt. Colonel Gabriel D. Ofiesh, Major Edwin G. Triner, Capt. Robert E. Stockhouse.





**Back row, left to right:** Major Arthur R. Steiger, Maj. George E. Yole, Jr., Capt. Jahn E. Chrisinger, Capt. Martin M. Bretting, Capt. Loren A. Anderson. **Front row:** Lt. Col. Goge H. Crocker, Colonel Gerhardt C. Clementson (Professor), Lt. Col. James H. Polve (Assoc. Professor), Maj. Jean G. Gappert.

Professor of Aeronautics  
COL. GERHARDT C. CLEMENTSON

## Department of Aeronautics

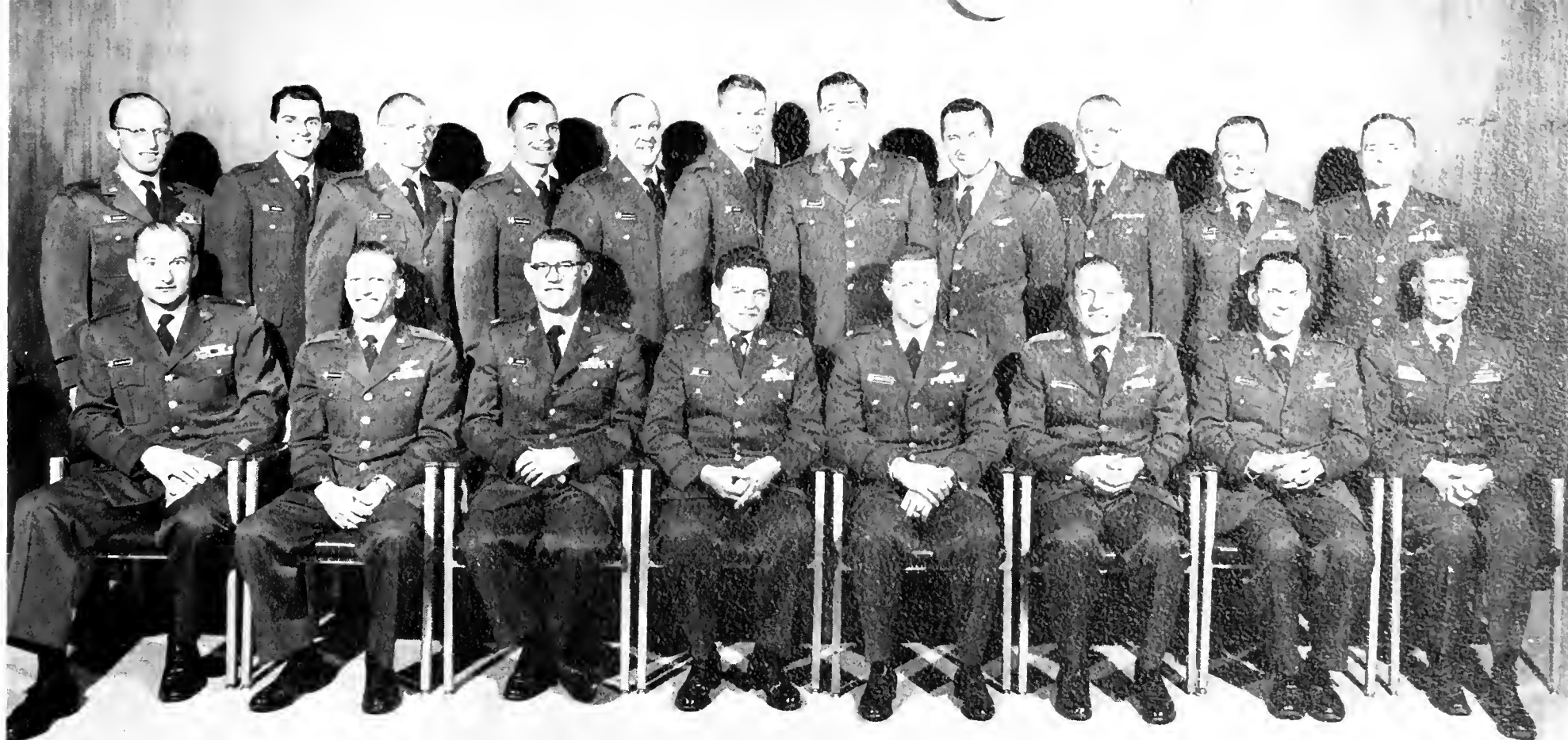
## Department of Astronautics

Professor of Astronautics  
COL. RICHARD C. GIBSON

**Standing, left to right:** Capt. Joe E. Anderson, Jr., Capt. Narbert D. LoVolly, Capt. Daniel S. Barnes, Capt. Evert D. Wilmoth, Capt. Roger W. Johnson. **Seated, left to right:** Capt. Roland E. Thomas, Lt. Col. Robert E. Collier, Capt. Roger R. Bote. **Not shown:** Capt. George T. James, Jr., Col. Richard C. Gibson (Dept. Head).







**Back Row:** Capt. Calvin H. Schmid, Lt. Douglas L. Smith, Capt. James E. Bonks, Lt. Fred D. Bartleson, Jr., Capt. Willis S. Anderson, Lt. Arthur P. Raun, Capt. Henry W. Porlett, Capt. Francis X. Keilt, Capt. Lowell A. King, Capt. Harmon C. Agnew, Capt. Loris D.

**Whipple. Front Row:** Maj. James W. McForland, Capt. William F. Goodner, Maj. Willis A. Cude, Jr., Lt/Col. Harrison E. Kee, Jr., Col. William T. Woodyard, Maj. Milton D. Sprinkel, Maj. Robert L. Taylor, Capt. Frank M. Hammock.

## Department of Chemistry

Professor of Chemistry  
COL. WILLIAM T. WOODYARD

## Department of Economics

Professor of Economics  
LT. COL. WAYNE A. YEOMAN

Maj. William E. Black, Capt. Bob L. Whitfield, Maj. Hiram C. Caroom, Maj. C. A. Strown, Maj. Robert G. Taylor, Maj. Robert E. Pursley, Capt. Jefferson A. Simpson, Maj. Charles E. Tychsen, Lt. Col. Wayne A. Yeoman, Capt. John Hansel, Jr.







**Front Row (Seated L to R):** Capt. Charles Barnett; Maj. Alfred E. Junod; Lt. Colonel Alfonso R. Miele; Colonel George L. Holcomb; Maj. Joseph J. Bednarski; Major Manuel C. Castro. **Second Row (Standing):** Capt. Charles W. Hammond; Capt. Robert F. C. Winger,

Capt. Robert A. Carlone; Capt. Larry H. Jackson; Capt. Jaime Ortiz-Lopez; Capt. Yves R. Geneste; 1st Lt. Oleg V. Suzdoleff.

## Department of Foreign Languages

Professor of Foreign Languages  
COL. GEORGE L. HOLCOMB

**Front Row (Seated L to R):** Capt. Arnold A. Anderson; Capt. Edward T. Ryan; Capt. Richard S. Steffel; Major Robert E. Duvall; Capt. Peter H. Davison; Capt. Julius M. Blum.

**Second Row (Standing):** Capt. James Ivan Miller, Jr.; 1st Lt. Louis J. Gregory; Capt. Roy D. Green; Capt. Charles R. Carney; Capt. William L. Roche; 1st Lt. Oleg V. Suzdoleff.







**Back Row, left to right:** Capt. Elmer H. Green, Major Robert M. Lowry, Jr., Capt. William B. Wilson, Major William R. Monlove, Capt. William J. Quirk, Capt. Robert A. Walsh, Capt. James L. Singleton. **Seated, left to right:** Major Elbert J. Hugin, Lt. Col. Wolter W.

Long, Colonel James V. G. Wilson (Head of the Department), Lt. Col. Thomas K. Oliver, Major Roy S. Boshom.

Professor of Electrical Engineering  
COL. JAMES V. G. WILSON

# Department of Electrical Engineering

## Department of English

Professor of English  
COL. PETER R. MOODY

**First Row:** Moj. Miner, Moj. Weese, Lt. Col. Jackson, Lt. Col. Thompson, Col. Moody, Lt. Col. Linn, Moj. Carpenter, Moj. Cox. **Second Row:** Capt. Weaver, Capt. Briond, Capt. Bacon, 1st Lt. Wakin, Capt. Mendelsohn, Moj. Roberts, Capt. Henney, Moj. Lucas, 1st Lt.

Honey, Capt. Cook. **Third Row:** Capt. Berthelot, 1st Lt. Pierce, 1st Lt. Kitch, Capt. Powell, 1st Lt. Hond, 1st Lt. Bouer, Capt. Vollmann, Capt. Sweetser, 1st Lt. Kelly.





**Front Row:** Capt. W. J. Acker, Lt. Col. W. L. Baxter, I/Lt. O. C. Patton. **Back Row:** Capt. W. M. Roberts, Jr., Maj. J. R. Byron, Capt. A. G. Lockard, Capt. L. C. L. Browne, Maj. L. E. Larson, Capt. A. B. Cole.

Professor of Geography and Cartography  
LT. COL. WYLIE L. BAXTER

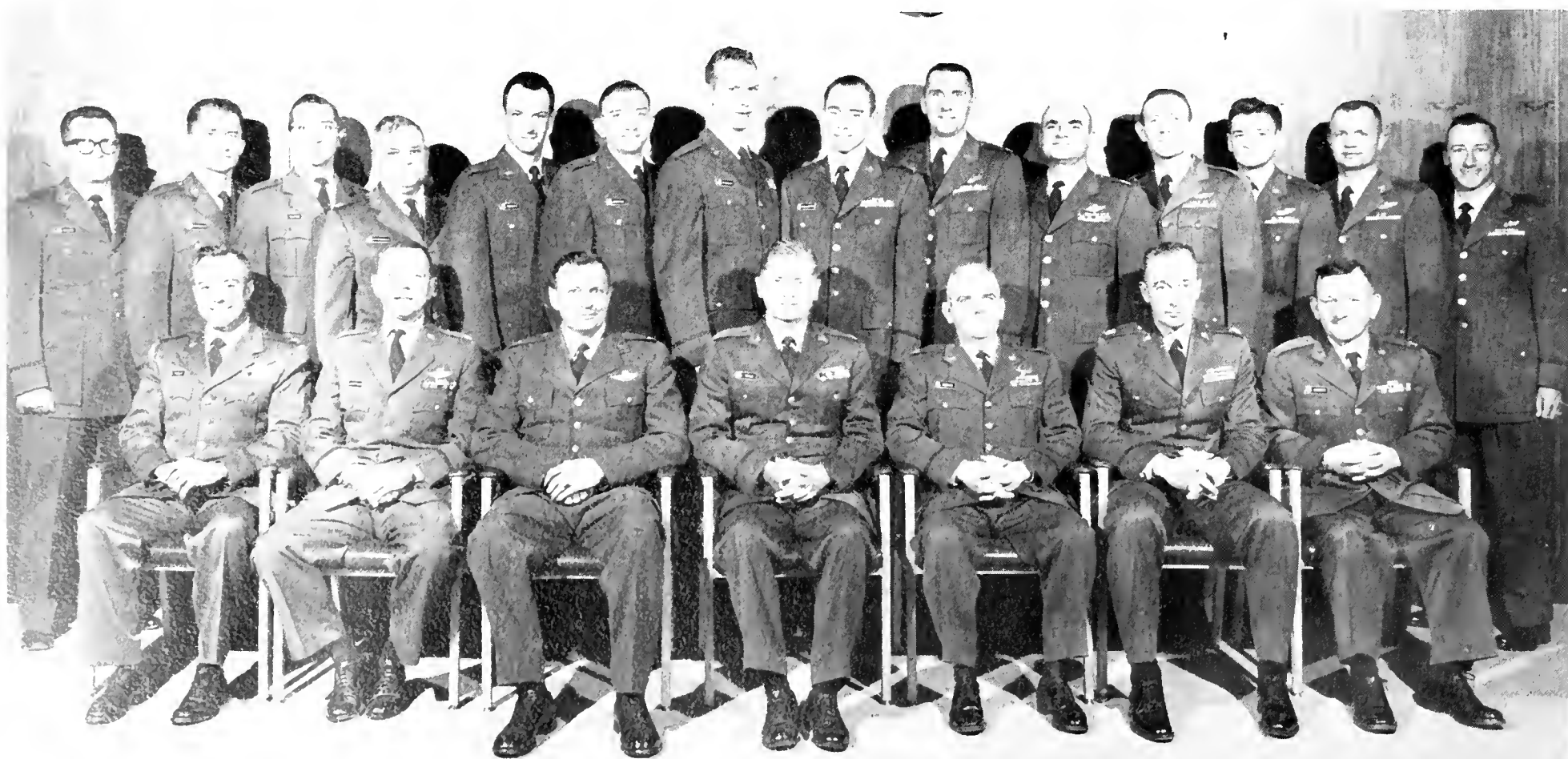
## Department of Geography & Cartography

## Department of History

Professor of History  
LT. COL. JOHN R. SALA

**Top Row, Left to Right:** Capt. Louis P. Murray, Capt. Norman D. Eaton, Maj. Arthur R. Kirkpatrick, Capt. Wm. J. Thorpe, Capt. Wm. E. Simons, Capt. Glenn E. Wasson, Capt. Albert H. Thelander, Capt. John Schlicht, Capt. Richard J. Morrissey, Capt. Thomas A. Julian, Capt. David H. Zook, Capt. Harold D. Shultz, Capt. Wm. L. Richardson. **Bottom**

**Row, Left to Right:** Maj. Duane C. Tway, Lt. Colonel John L. Sutton, Lt. Colonel Silas R. Molyneaux, Lt. Colonel John R. Sala, Lt. Colonel John A. Kerig, Lt. Colonel Wilbert H. Ruenheck, Lt. Colonel Eldon W. Downs.







Major David B. Stevens, Major Clarence E. Barnes, Major Charles M. Seeger, Major King D. Simon, Lt. Colonel Robert W. Michels, Colonel Christopher H. Munch, Lt. Colonel William L. Koch.

Professor of Law  
COL. CHRISTOPHER H. MUNCH

## Department of Law

## Department of Mechanics

Professor of Mechanics  
COL. ARCHIE HIGDON

Capt. Charles C. Neyhart, Capt. John L. Baldner, Capt. Gordon M. Gray, Capt. Tyler W. Tandler, 1/Lt. Jerald N. Christiansen, Capt. L. C. Browne, Maj. Frank F. Marvin, Maj. John A. Barricklaw, Col. Archie Higdon, L/Col. Lee R. Standifer, Maj. Robert G. Volpey, Capt. R. Ramon Bananno.





**Front Row, Left to Right:** Capt. John C. Gall, Capt. Lawrence G. Campbell, Lt. Col. Jean C. Hempstead, Lt. Col. Robert M. Elrick, Colonel John W. Ault, Lt. Col. John W. Querry, Capt. Boyd W. Johnson, Capt. James C. Marsh. **Back Row:** Capt. Paul V. Vegno, Capt.

Richard L. Eisenman, Capt. Robert H. Johnston, Capt. Joseph W. Best, Major Arthur W. Bonister, Capt. John R. Cragin, Capt. Robert S. Slizeski, Capt. Verle Johnston, Capt. Leonard R. Howell, Capt. Malcolm E. Ryan.

## Department of Mathematics

Professor of Mathematics  
COL. JOHN W. AULT

**Front Row, Left to Right:** Capt. Billy J. Welch, Capt. Michael J. Steger, Capt. William R. Lambert, Capt. James H. Sullivan, Capt. Jack T. Humphries, Capt. Bradford C. Healy, Capt. Ray W. Oesch, Capt. Edward Anlian. **Back Row:** Capt. Richard R. Erbschlae, Major

Norman H. Smith, Capt. Nicholas P. Callas, Capt. Morvin C. Patton, Major Rex K. Moorhead, Capt. Billy D. Harrison, Capt. Wells P. Rollins, 1st Lt. David R. Borr.







**Seated, Left to Right:** Capt. Edgar F. Puryear, Jr., Maj. Joseph D. Cortez, Maj. Ralph B. Hemmig, Capt. Helmuth L. Uken, 1/Lt. Edward J. Bachniak, F/L. Robert R. Barber (RCAF), Capt. Donald D. Zurawski, Lt. Donald D. Aldern(USN). **Standing:** Capt. Boyd A. Watson,

Capt. John F. Reilly, Capt. David J. Colgan, Capt. Charles H. Brown, Jr., Capt. Henry A. Beiderbecke, Capt. Fred E. Glaver, Capt. Francis J. McGouldrick, Jr., Capt. William H. Gibson, Capt. Walter C. Downing.

Director of Navigation  
LT. COL. VICTOR C. CONWAY

# Department of Navigation

# Department of Physics

Professor of Physics  
COL. ARCHIE HIGDON

**Sitting:** Major Melvin R. Keller, Major Seymour Shwiler, Colonel Archie Higdon, Professor and Head; Lt. Colanel Lewis L. Bowen, Major Kermit C. Kaericher, and Lt. Colanel

Roy T. Crosland. **Standing:** Capt. Brice C. Custer, Capt. James O. Alderman, 1st Lt. Harry I. Axelrad, Capt. Clyde C. Reynolds, Capt. James D. Butt, and Capt. Craig W. Gridley.







**Front Row, Left to Right:** Capt. Jack M. Steger, Capt. Michael F. McNomara, Capt. Roy L. Anderson, Jr., Lt. Colonel James F. Frokes, Capt. Richard E. Russ, 1st Lt. Robert D. Peck, Jr., Capt. Richard L. Fritts. **Back Row, Left to Right:** Major Robert B. Speer, Capt. E.

Rox Shain, Major Frederick F. Caak, Capt. Robert M. Sullivan, Jr., Capt. Walter A. Lenz, Mr. Nicholas G. Tath, Capt. Alfred M. Miller, Jr., 1st Lt. Frank M. Verducci, Capt. Edward P. Matthews, Jr.

## Department of Physical Education

Director of Physical Education  
LT. COL. CASIMIR J. MYSLINSKI

**Front Row, Left to Right:** Major John D. Ludlow, Lt. Colonel Casimir J. Myslinski, Karl A. Kitt, Arne U. Arnesen, Capt. Charles W. Oliver, Capt. Edwin H. King, Jr., Major Laurence E. Owens. **Back Row, Left to Right:** Capt. Paul S. Cleland, Jr., Capt. Ronald G. Allen, 1st

Lt. Richard D. Conant, Capt. Carl B. Crews, 1st Lt. Gerald C. Lawrence, 1st Lt. James N. Bowman, Capt. Lloyd C. Corder, Capt. Garrett D. Buckner, 1st Lt. Donald J. Sutton.







**Front Row, L to R:** Capt. Owen S. Nibley, Capt. William F. Lackman, Capt. Robert W. Koernig, Lt. Col. Wesley W. Pasvar, Capt. Richard C. Bowman, Capt. Larry J. Larsen, Maj. William F. Flannigan. **Second Row, L to R:** Capt. Russell T. Newman, Capt. Thomas

C. Pinckney, Capt. John C. Ries, Maj. Wallace H. Griffith, Capt. Dean S. Gausche, Capt. John J. Boyne, Capt. Jacob S. Refsan, Capt. Donald W. Galvin, Capt. Richard F. Rosser, Capt. Robert M. Whitaker, Capt. Jack E. Freeman, Maj. Oscar H. Rechtschaffen.

Professor of Political Science  
LT. COL. WESLEY T. POSVAR

## Department of Political Science

## Department of Thermodynamics

Professor of Thermodynamics  
LT. COL. PAUL H. DANE

**Bottom Row, L to R:** Lt. Colonel John S. Ingham, Lt. Colonel George F. Babits, Colonel Paul H. Dane, Lt. Colonel Edward M. Rex, Major William R. Fuchs. **Top Row, L to R:**

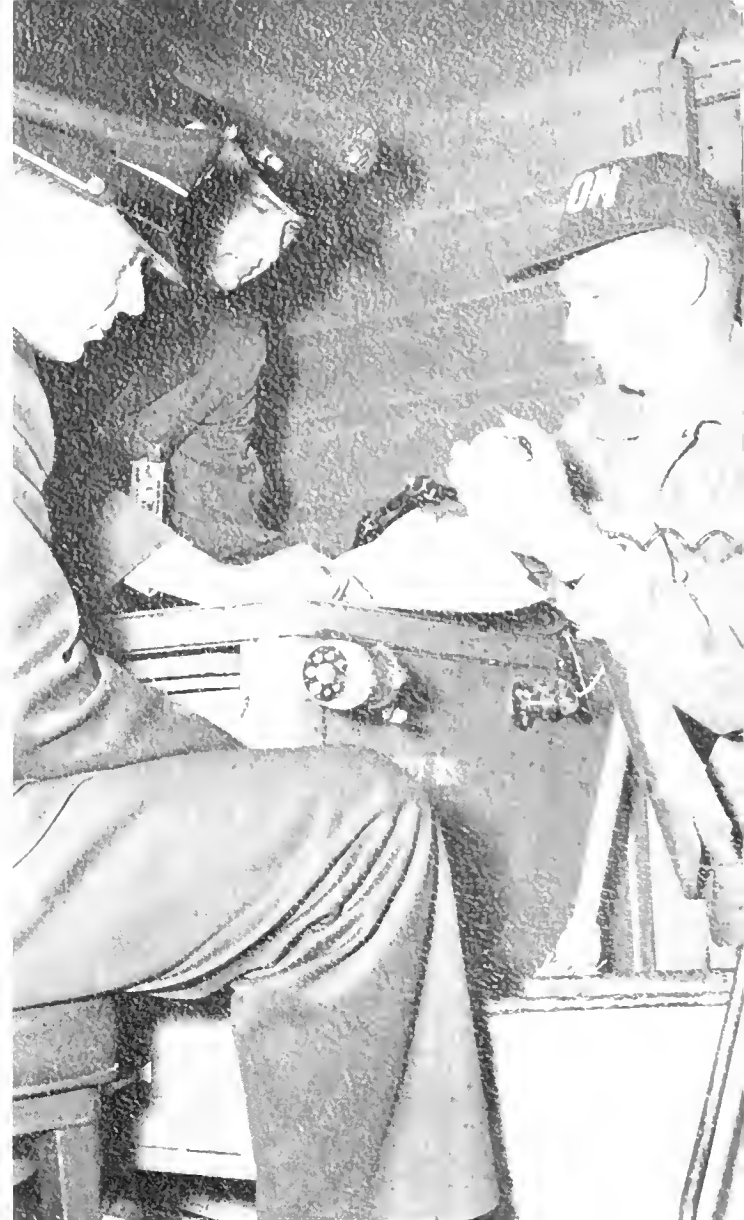
Captain Arnim L. Brantley, Captain Jerome F. Naleid, Captain Darwin R. Hamilton, Captain William H. Loomis, Major Donald S. Lopez, Captain Emmett A. Niblack, Jr.



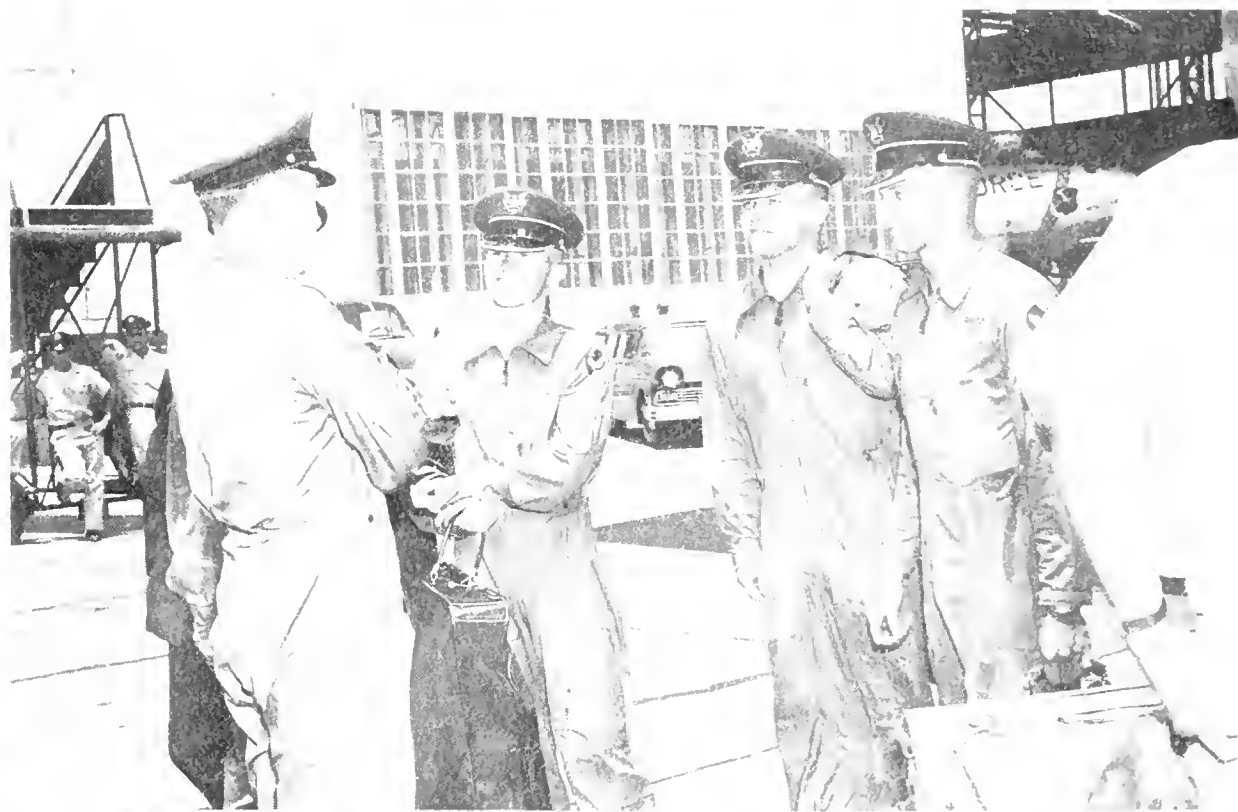




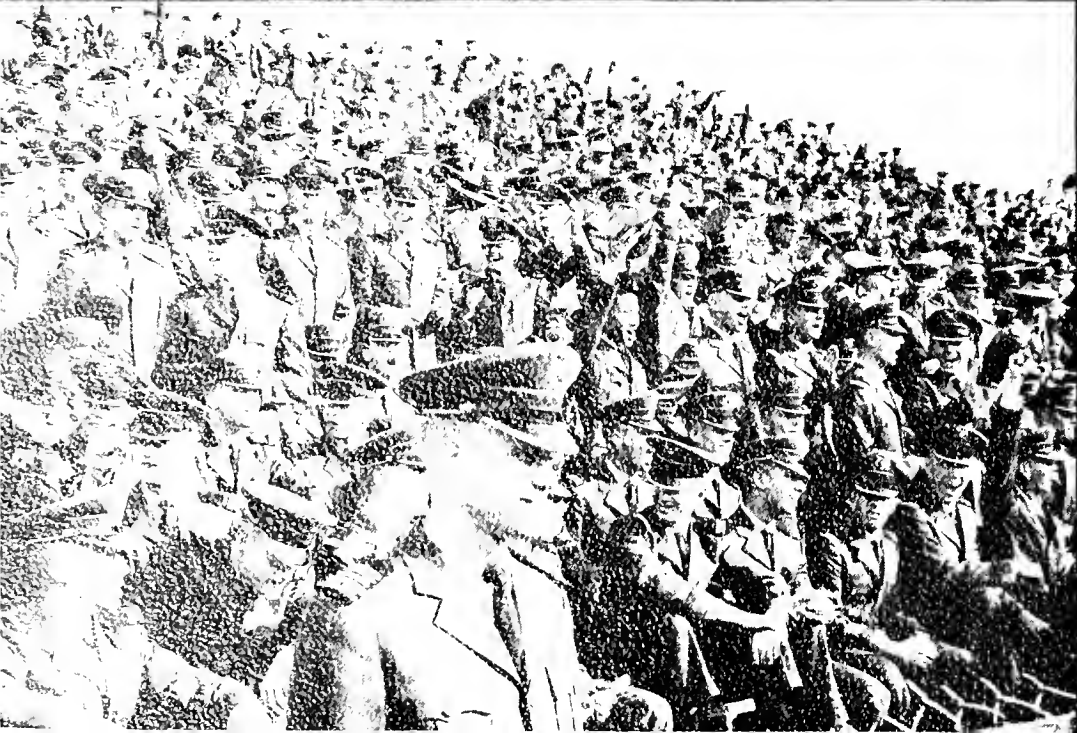




They showed us the way.











## Varsity Sports



BEN MARTIN  
Head Coach

# Football

AFA	20	Wyoming	7
AFA	27	Trinity	6
AFA	21	Idaho	0
AFA	3	Oregon	20
AFA	20	UCLA	7
AFA	13	Army	13
AFA	0	Missouri	13
AFA	22	Arizona	15
AFA	27	New Mexico	28
AFA	7	Colorado	15

Won 5 Lost 4 Tied 1  
Officer Rep.: Col. J. G. V. Wilson

**Front Row:** Phil Lane, Bob Brickey, Dan Johnson, George Pupich, Howie Bronson, Rich Mayo, Neal Rountree, Mike Quinlon. **Second Row:** Charles Moores, Sam Hardage, Jim Kerr, Randy Cubero, Mike Rowllins, Charles Worock, John Kuenzel, Charles Waterman. **Third Row:** Monte Moorberg, Bob Wagner, Bob Best, Tom Walker, Charles McCain, Pete Bobko, Jim Goodley, Doug McConnell. **Fourth Row:** Charles Dixon, Lyle Wilson, Reb

Jones, John Flonagan, Bob Boxter, E. C. Newman, Ron Stoner. **Fifth Row:** Joe Morgon, Mike Tietge, Jock Bright, Jim Hinkle, Henry Hudson, Jock McDonough, Dick Schoof, Bob Staib. **Sixth Row:** Bill Zersen, Fronk Kiszely, Roy Sievers, Leo Johnson, Morty Fricks, John Moore, Gordon Wilson, Vern Kenley.

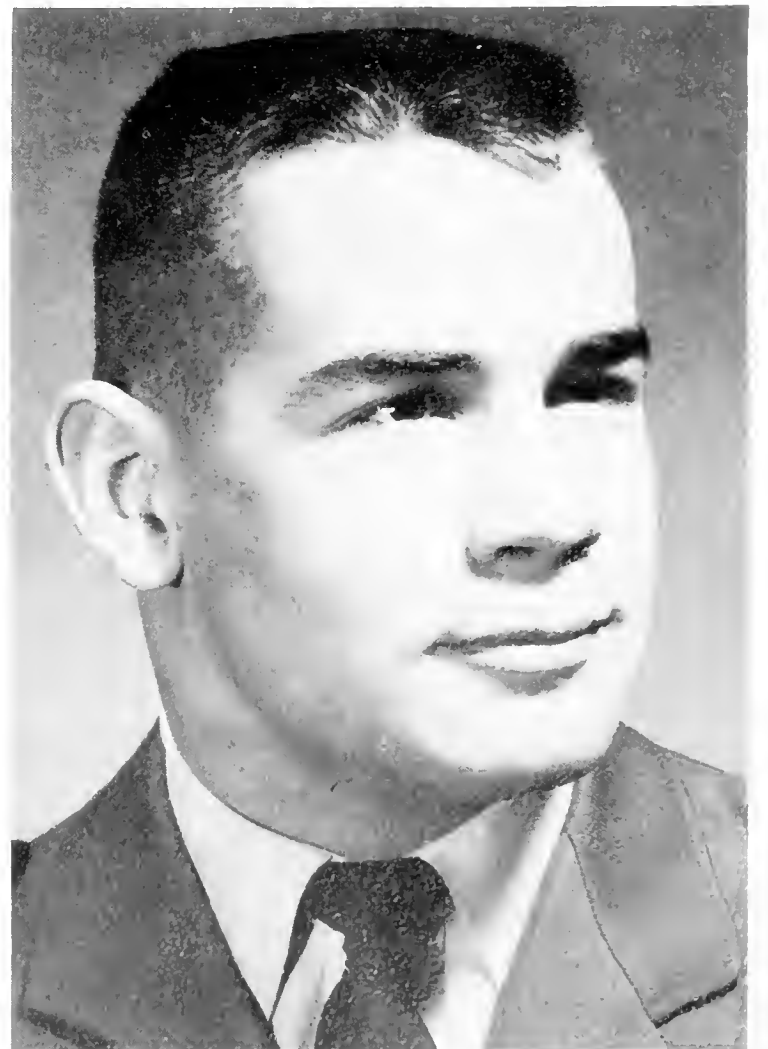






#### FOOTBALL STAFF

Capt. John Gurski, Tom Berry, Ben Martin, Capt. Tom Bakke, Lt. Pepper Rodgers, Capt. John Ignarski



HOWIE BRONSON  
Team Captain

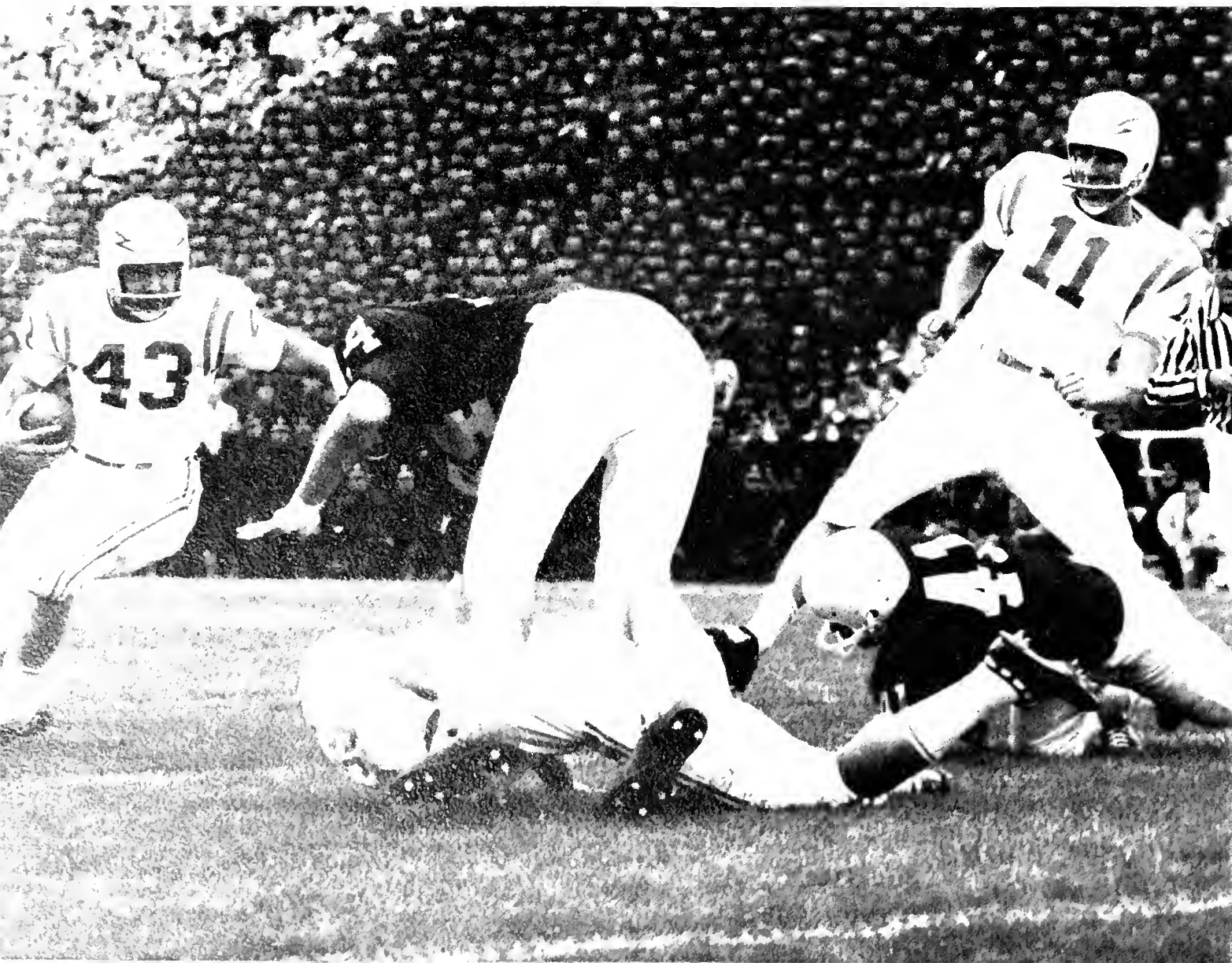




The Cowboys put on the pressure.

206

But we blocked.



Result:

MINUTES	9	9
WYOMING	07	VICTORY
DOWN		YDS TO GO
DRINK	Coca-Cola	





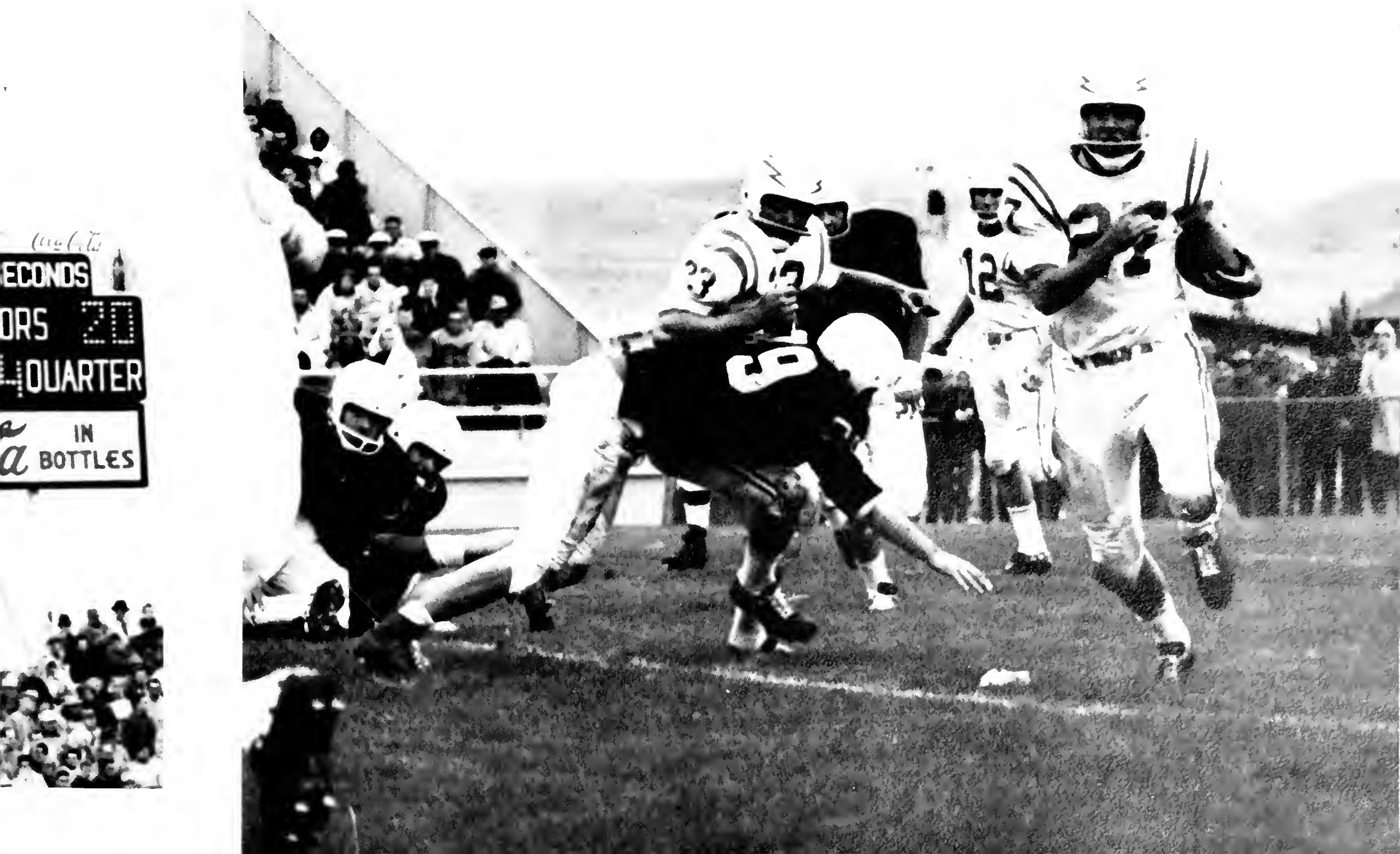


While the wing cheered,

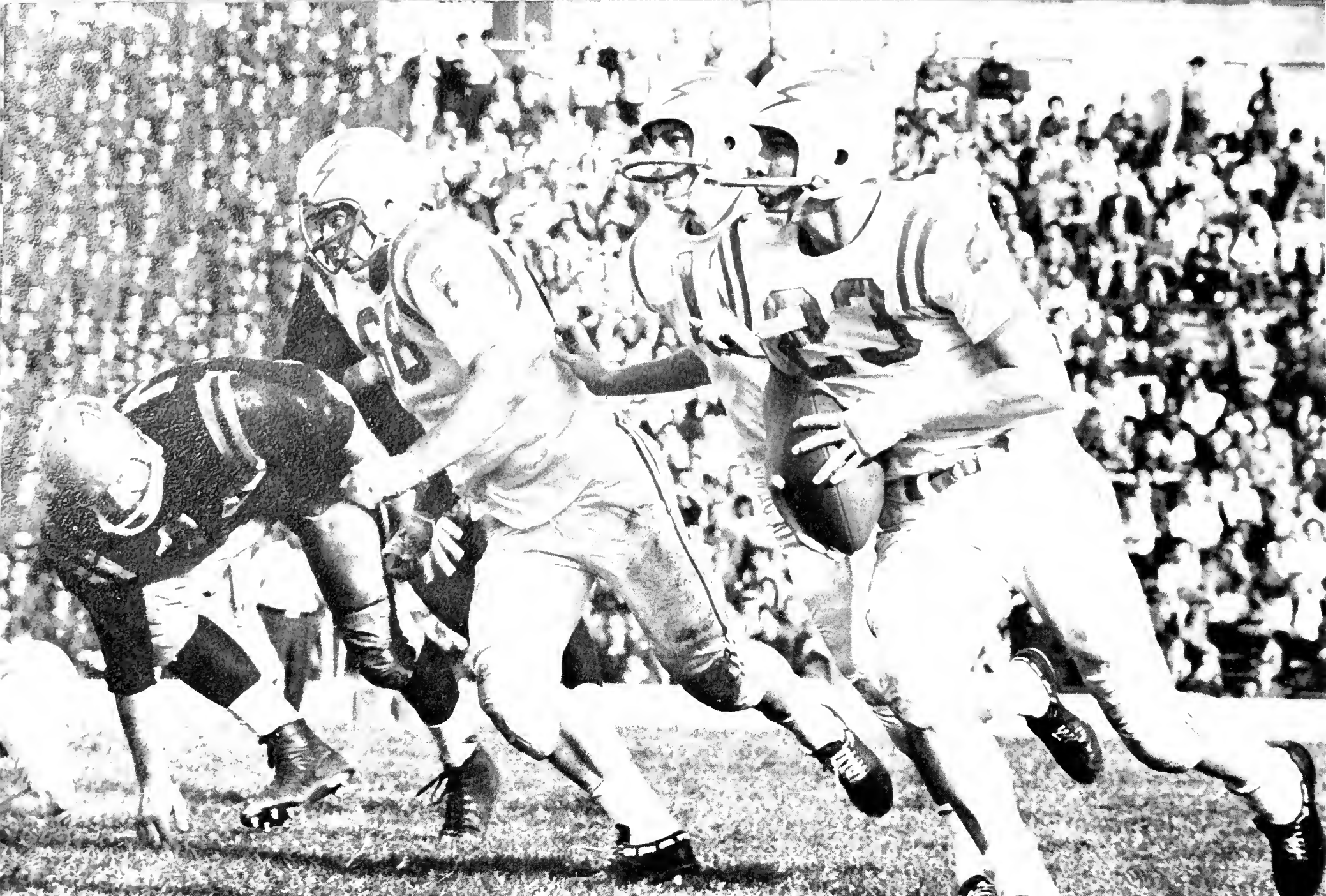


then drove hard,

and finally broke through.







Idaho was overpowered,

208

stunned,

but they gave their all.





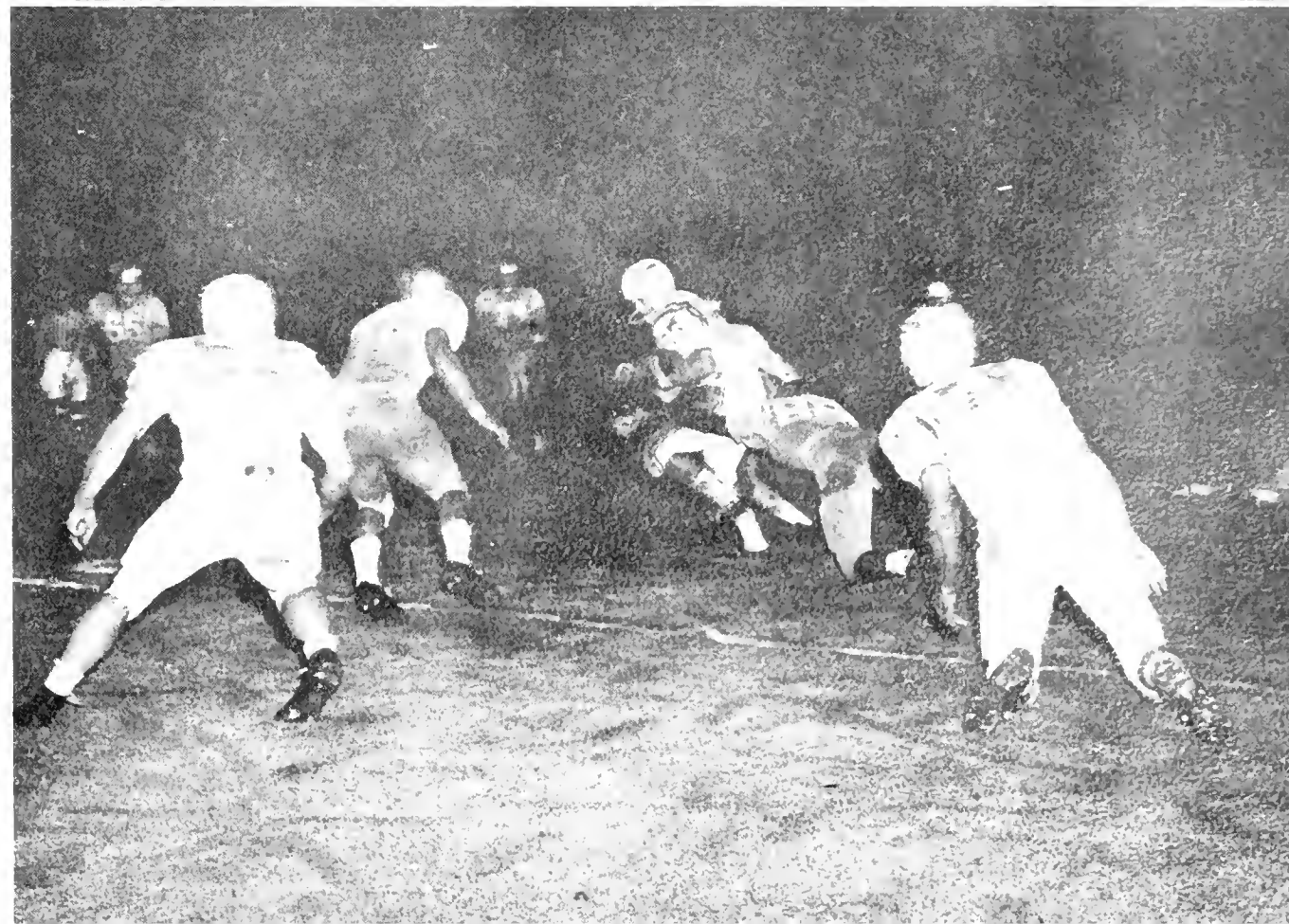
Then the  
Falcons



turned to  
night tactics  
to defeat



the Uclans.



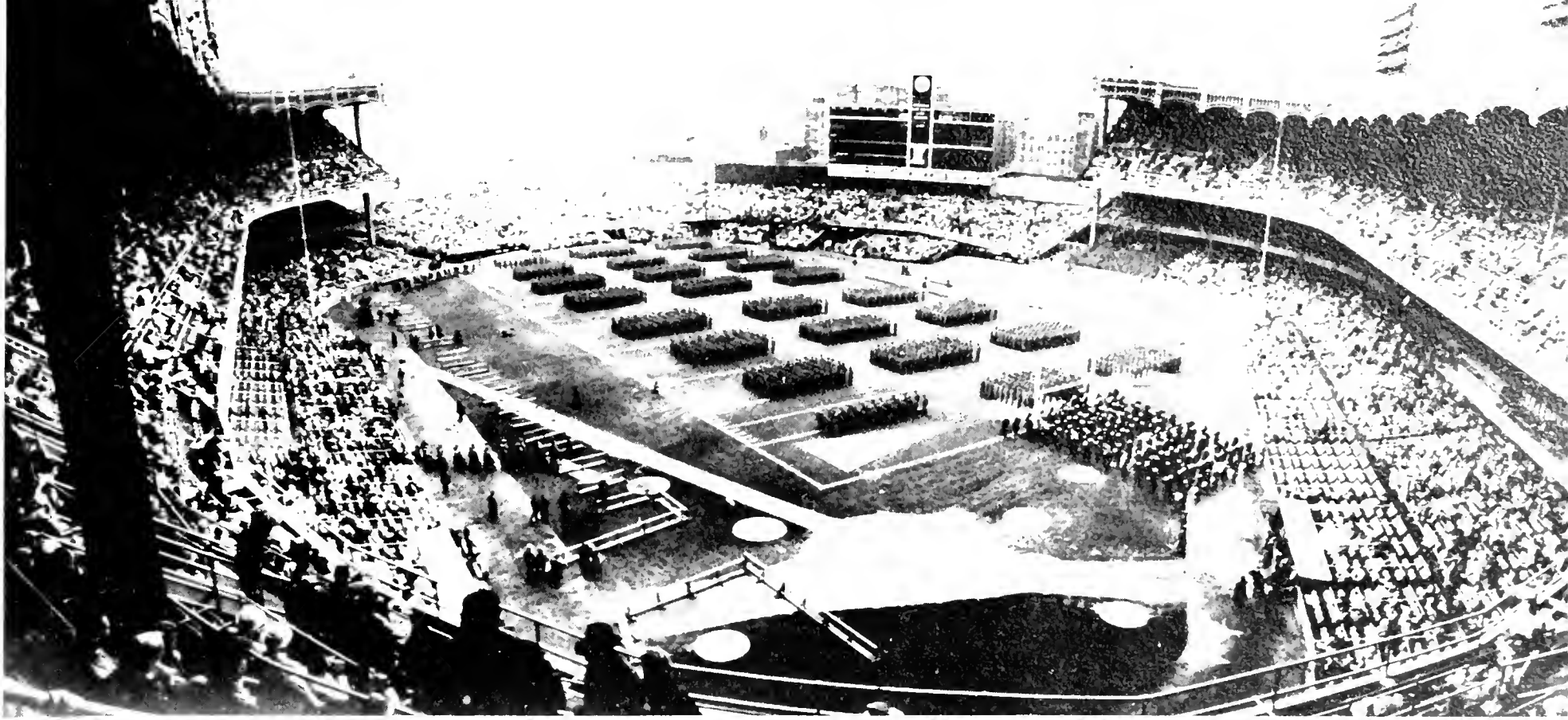


AFA-USMA

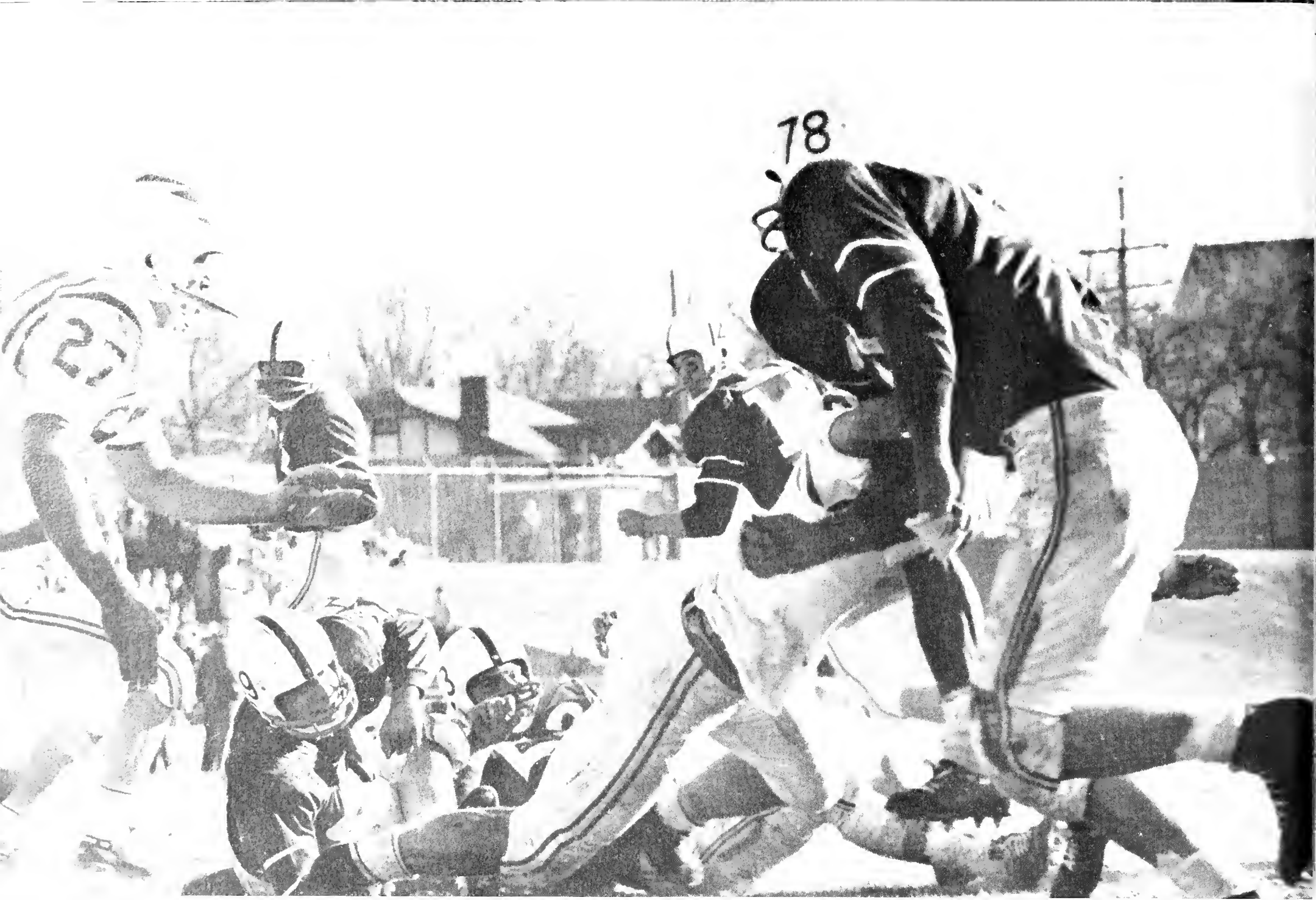
13

13





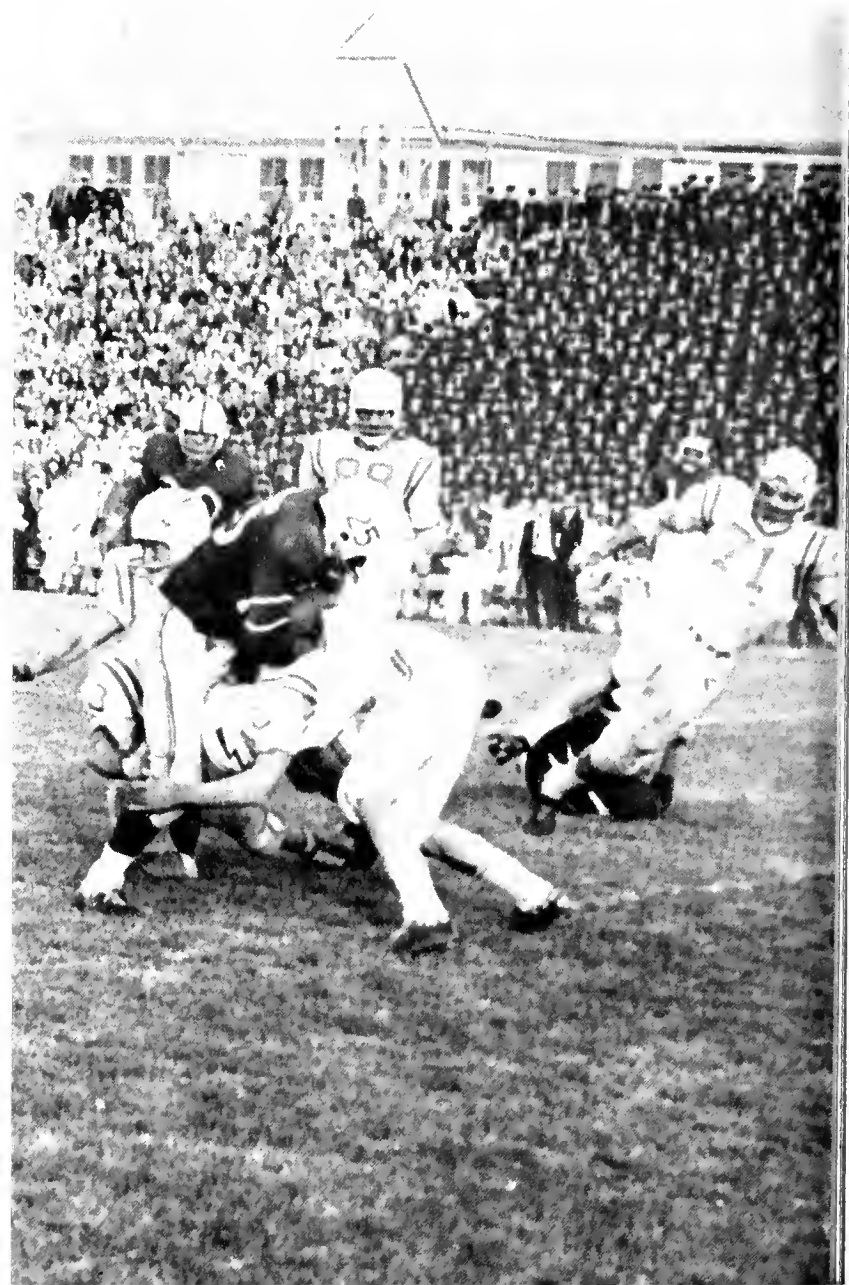
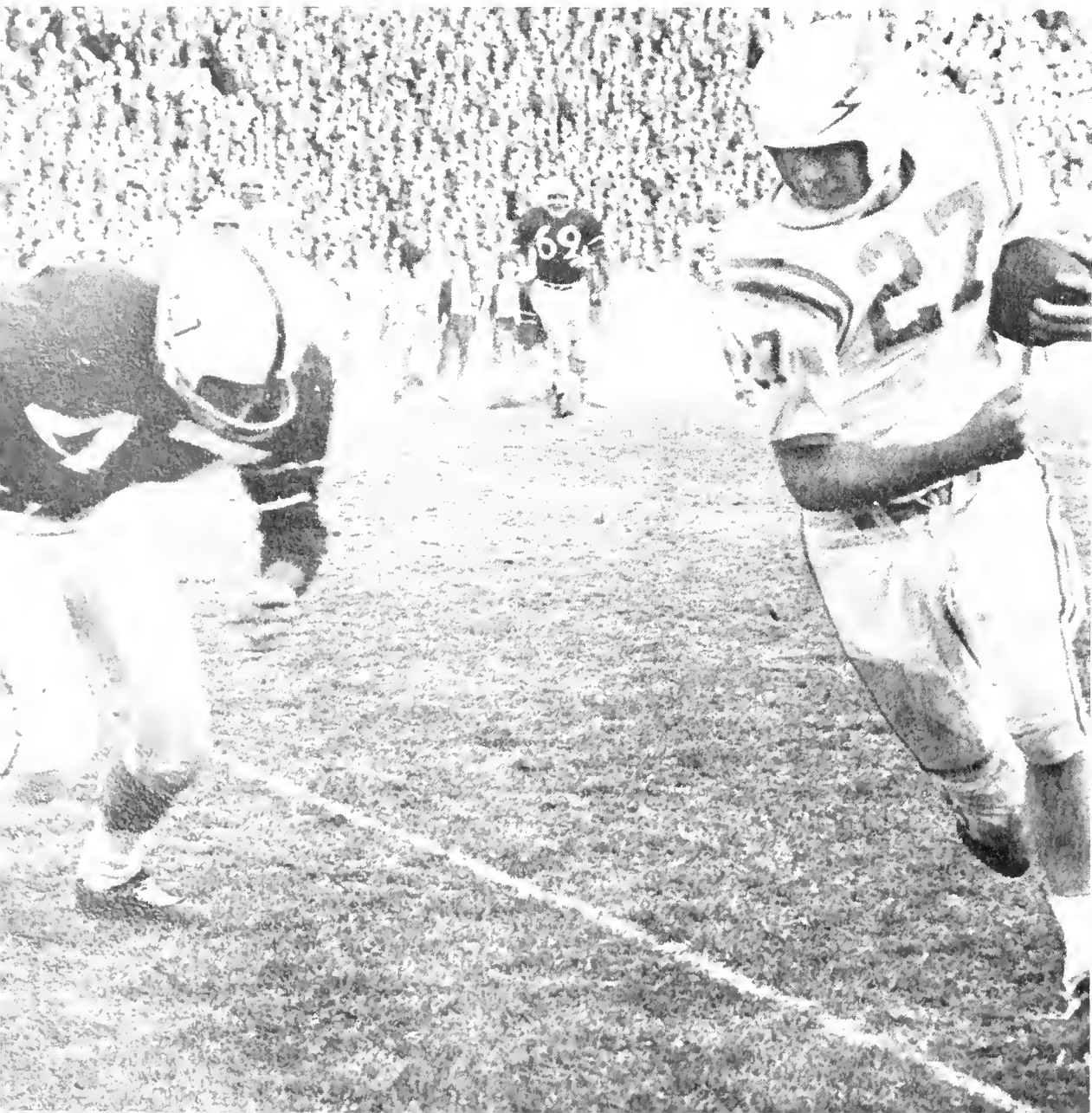




The Lobos were tough.

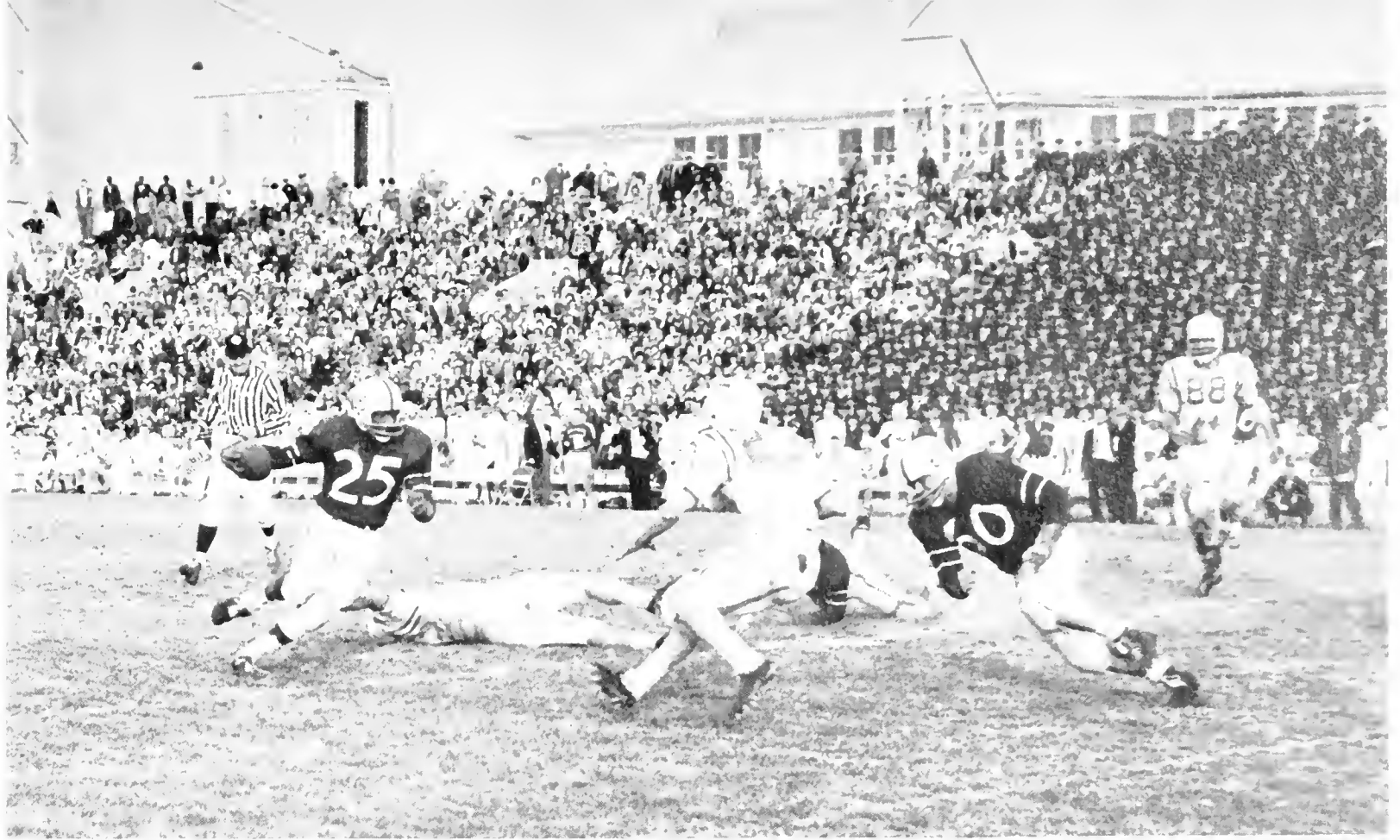
212

We pushed and tackled hard.

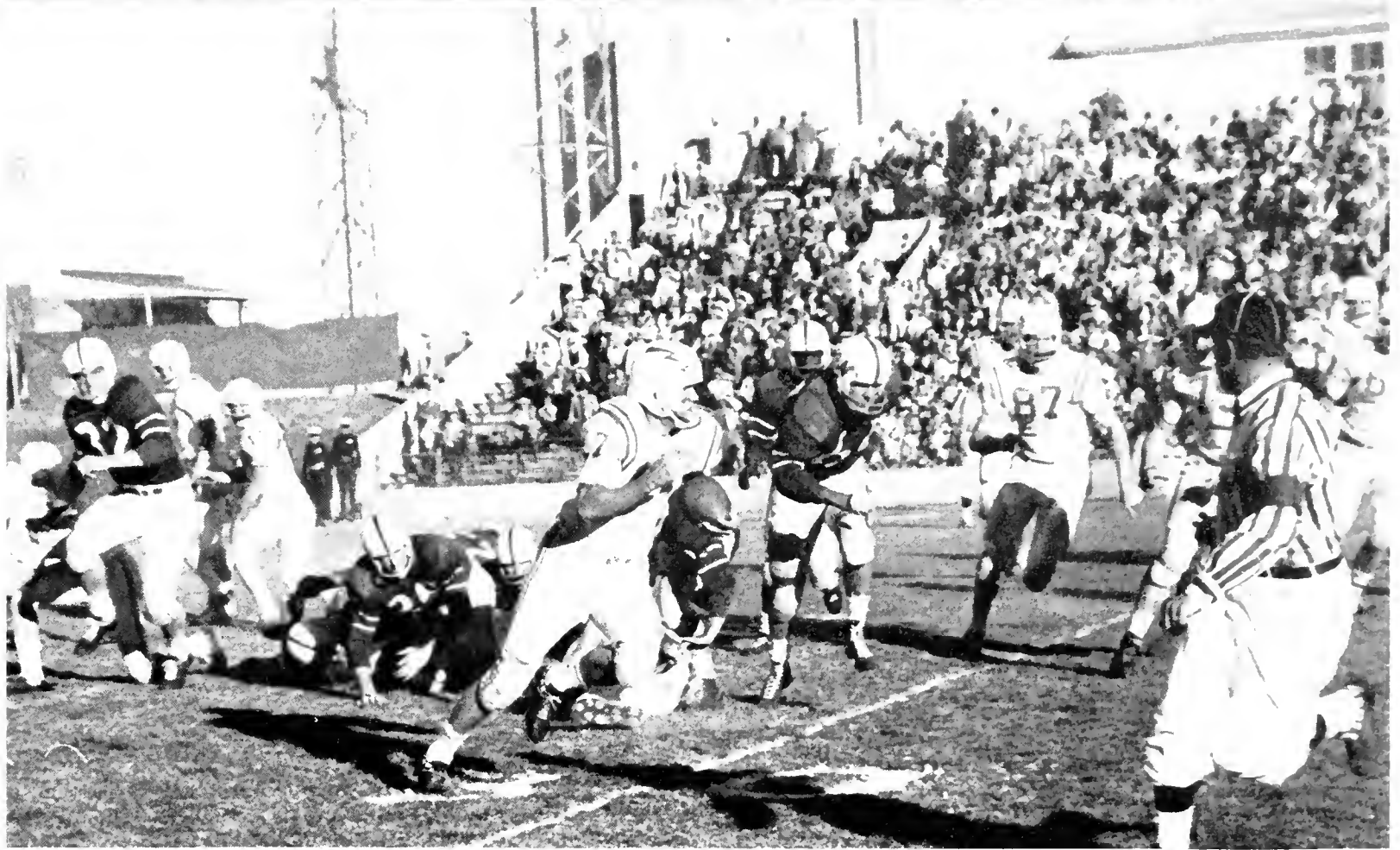




They had  
control of  
things . . .



Then  
we  
did . . .



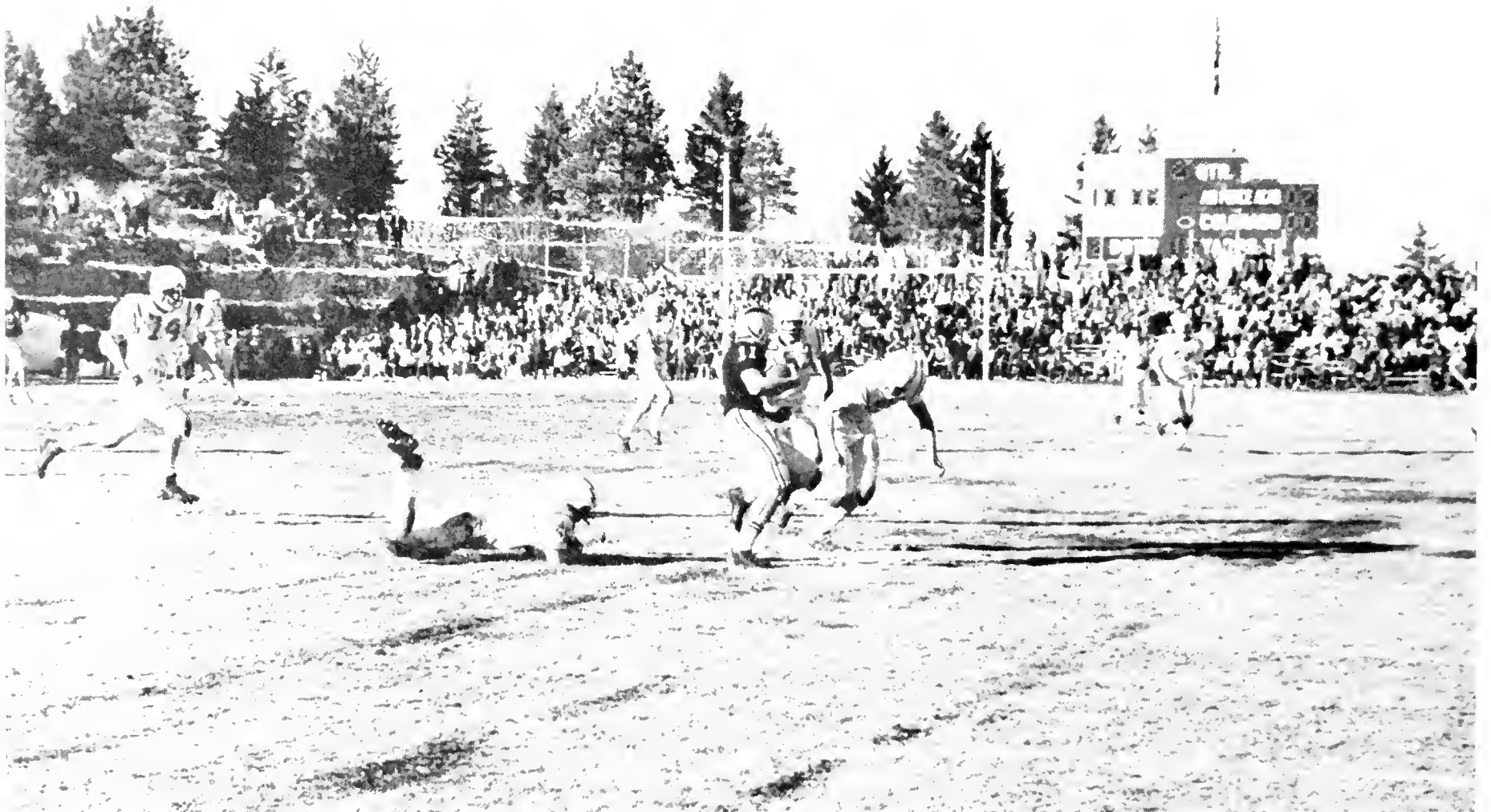
But one  
point made  
the  
difference.



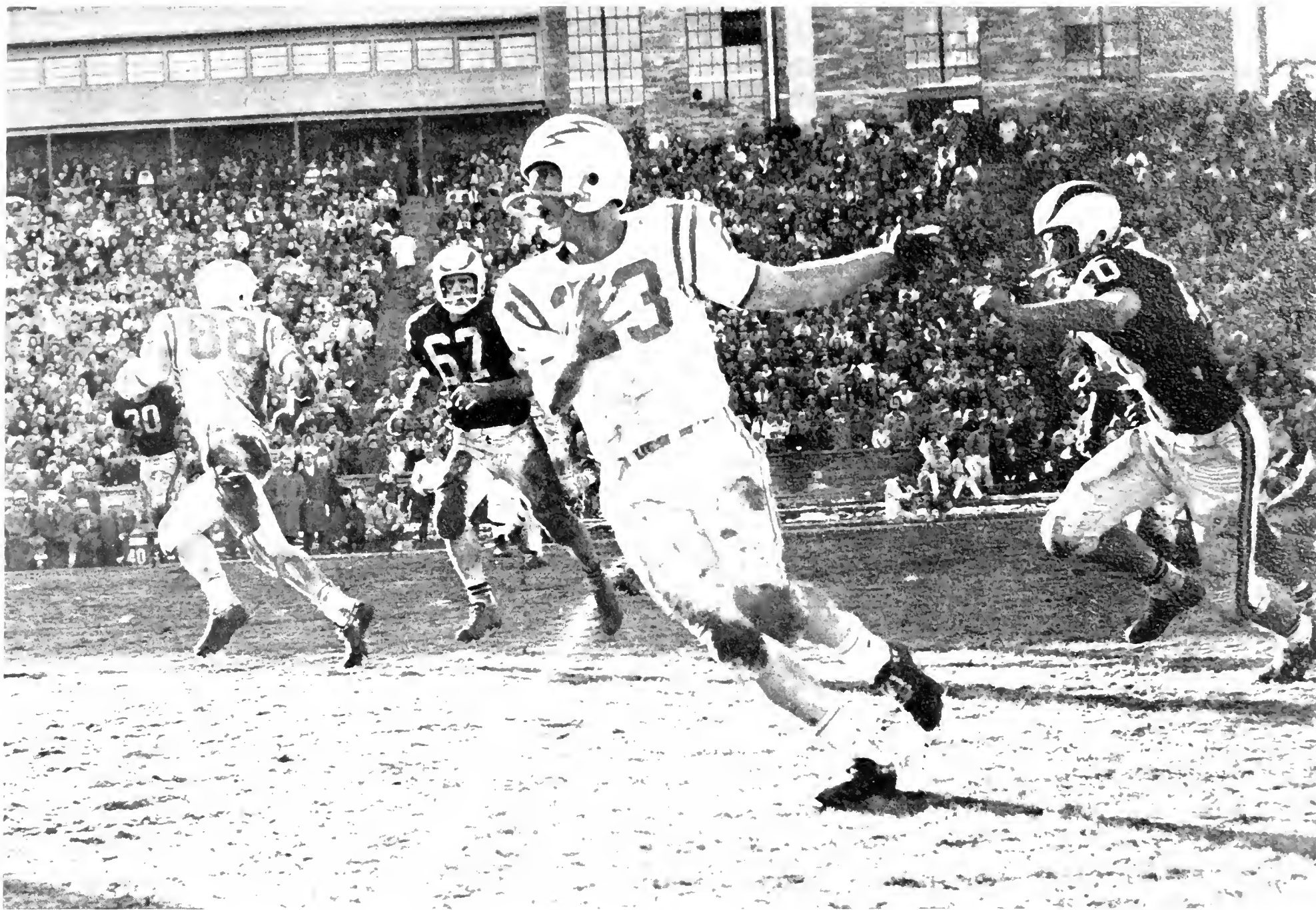


We struck first,

but the Buffs came back . . .



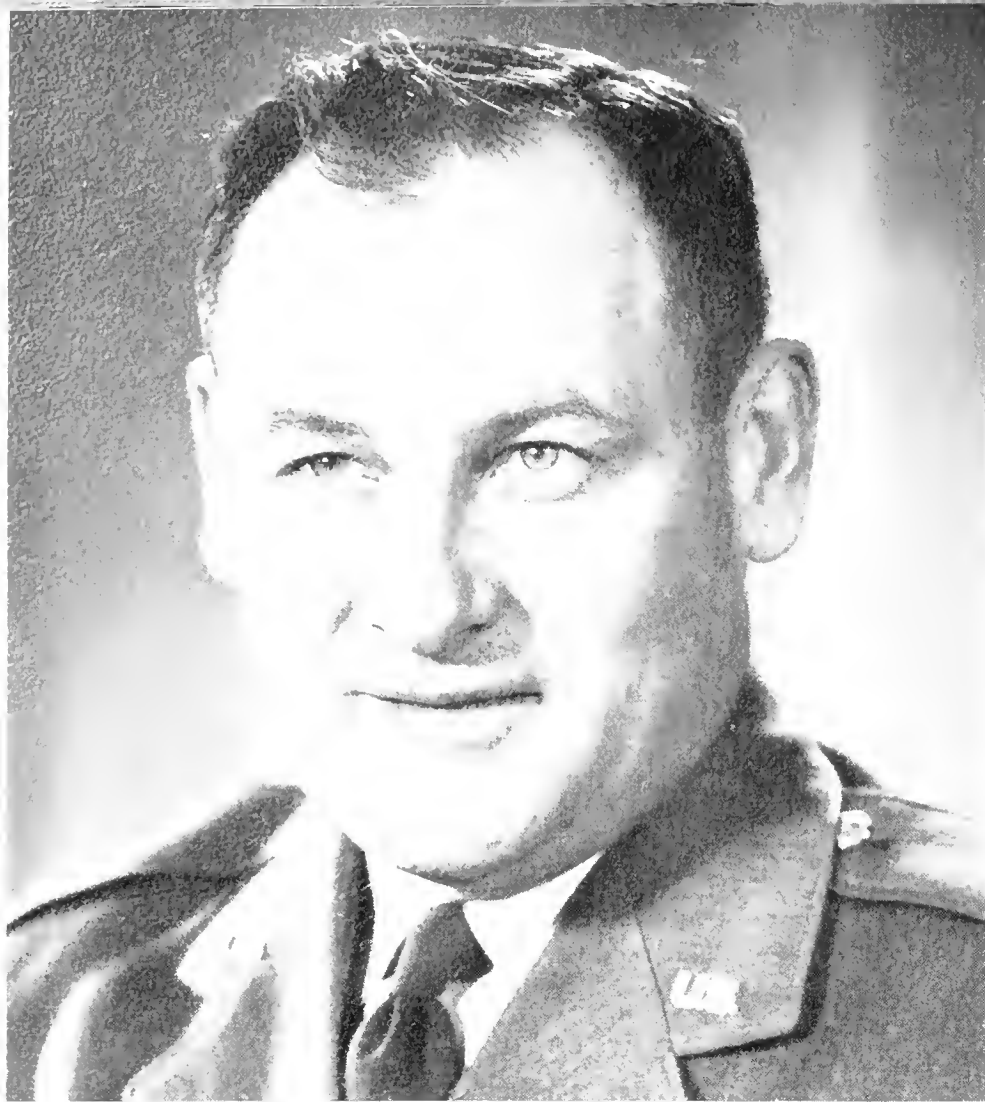




To even the series: a game apiece.







MAJOR SPEAR  
Head Coach

## Basketball

AFA	49	Creighton	56
AFA	54	Nebraska	69
AFA	53	Denver	56
AFA	52	Notre Dame	67
AFA	36	Okla. St.	62
AFA	90	Omaha	41
AFA	63	Loyola	50
AFA	66	West. St.	59
AFA	61	Mont. St.	67
AFA	90	New Mex. Highlands	68
AFA	57	Wyoming	53
AFA	76	UCLA	75
AFA	70	Marquette	68
AFA	84	Colo. Mines	54
AFA	68	So. Dakota	67
AFA	66	Arizona	73
AFA	71	Arizona St.	78
AFA	71	East New Mex.	47
AFA	65	Regis	58
AFA	63	Depaul	69

Won 12, Lost 10

Officer Rep.: Col. William Woodyard

**Front Row:** Maj. Bob Spear (Coach), Tony Long, Ron Deep, Don Wolfswinkel, Jim Ulm, Terry Norris, Col. William Woodyard (Off. Rep.). **Second Row:** Capt. Dave Mullaney (Ass't Coach), Bill Knipp, Henry Viccillio, Haven Hill, John Staver, Capt. Bill Wilson (Ass't Coach). **Third Row:** Jim Conbay (Trainer), Kent Lammers, Larry Jensen, Bob Schoumberg, Daryl Olson, Capt. Joe Bradley (Ass't Coach). **Fourth Row:** Managers Ralph Fard, William Jolly, Ronald Fullerton, Brad Van Sant.







Don't sweat it fellas; I've got it!

217



Long scores on drive.



DON WOLFSWINKEL  
Team Captain

I told you I'd kick it, if . . .



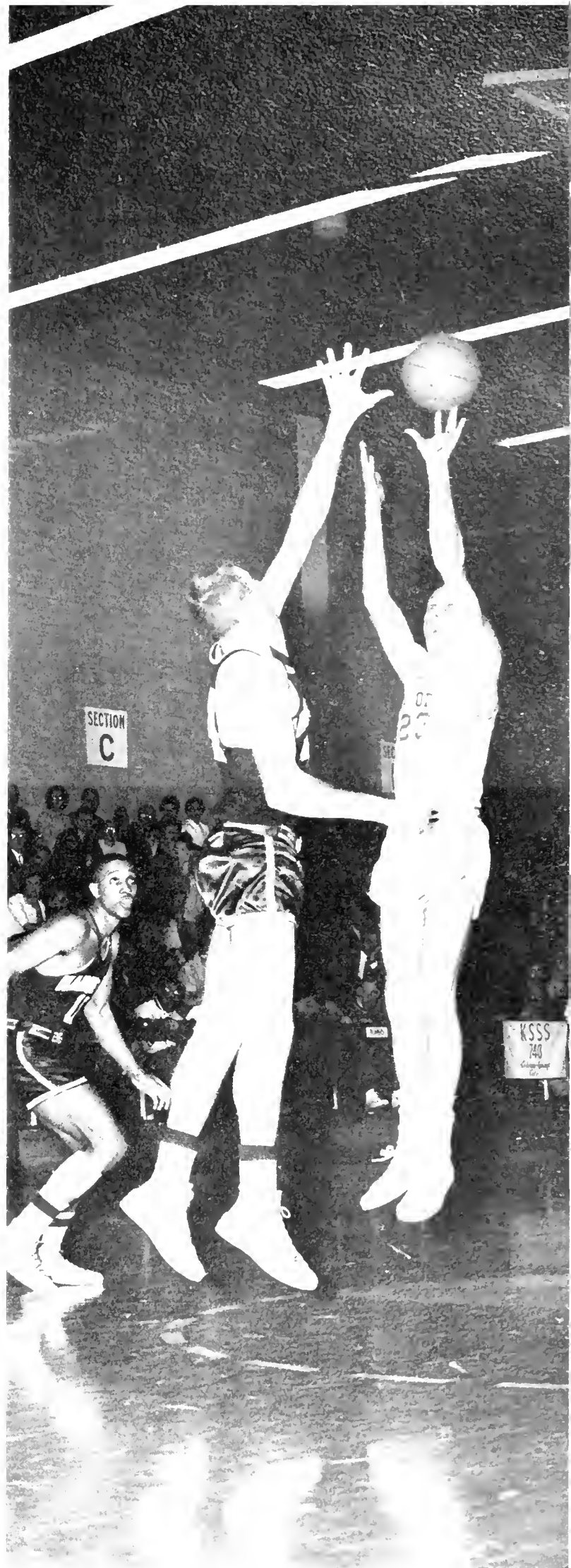
How do I





Get out of here?

It looks hard this way.



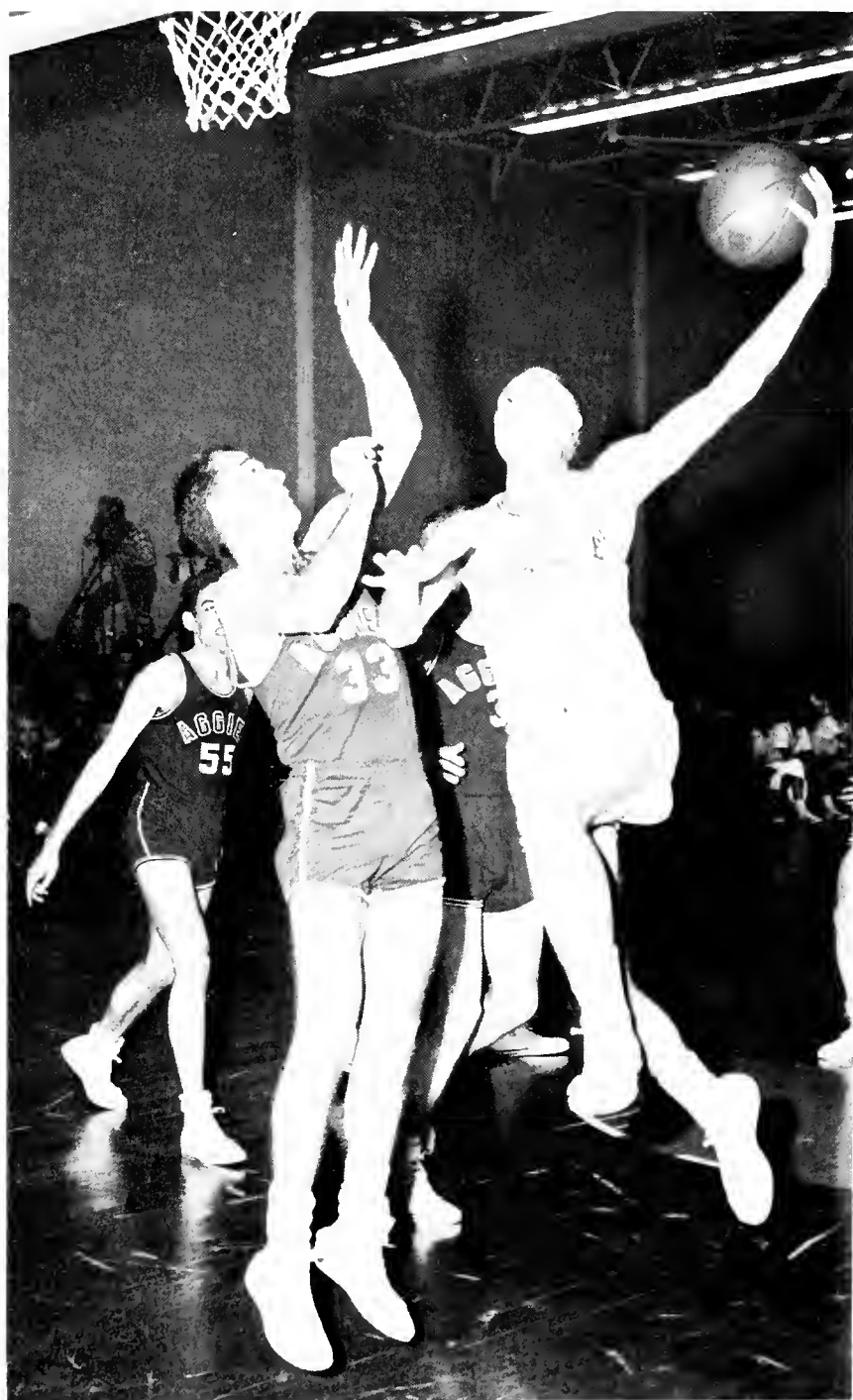
Perhaps a jump . . .



Leave me have another try . . .



MACH .0005 accompanied by

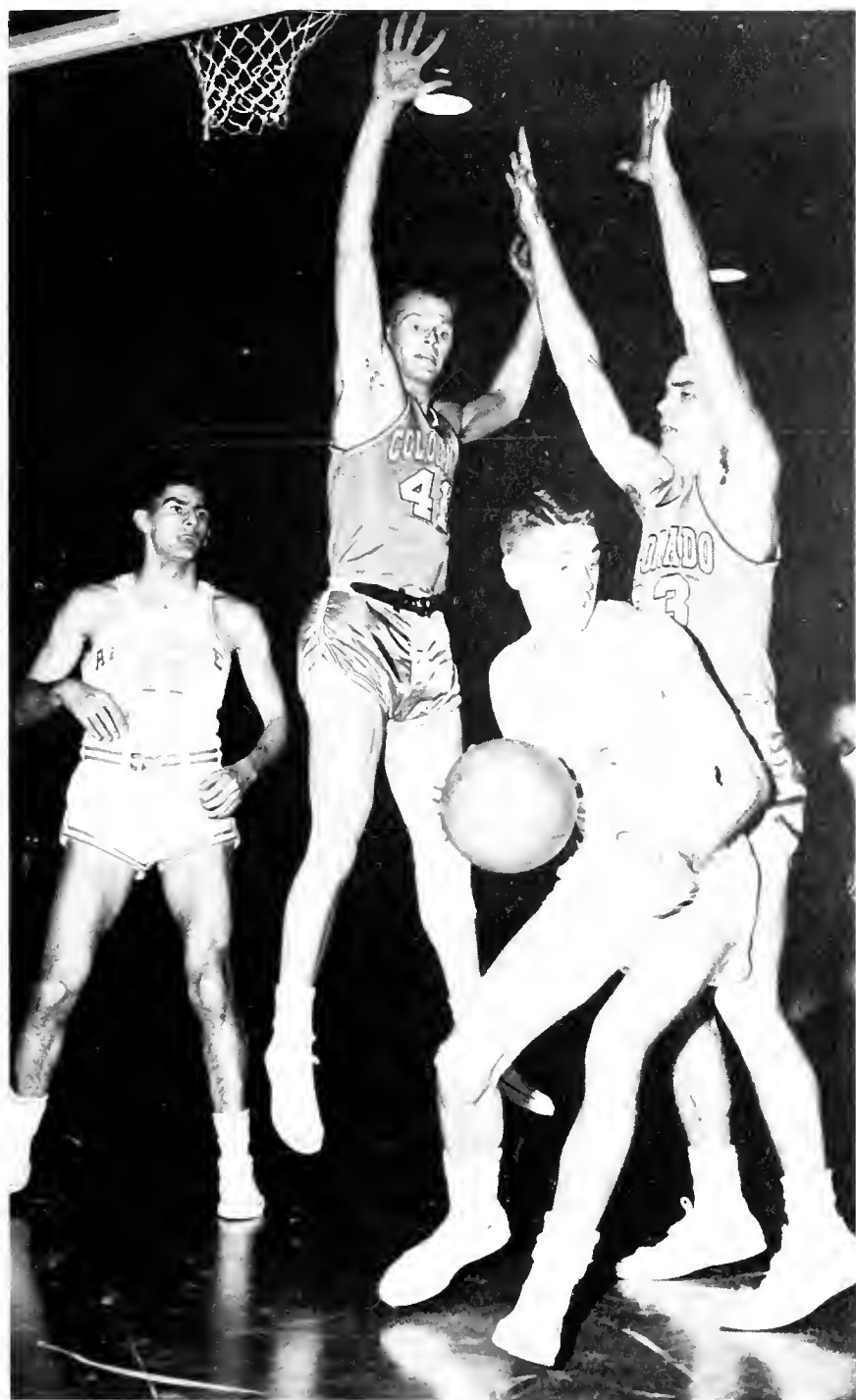


and they did — and he did — or did he?





non-rated friend.



Don't you wish everyone did?



Mr. Viccellio and non-plussed friends.



CAPT. W. B. LAWRENCE  
Coach

## Baseball

AFA	3	New Mexico	0
AFA	12	New Mexico	3
AFA	1	Arizona	13
AFA	7	Arizona	19
AFA	0	Arizona	4
AFA	13	Denver	10
AFA	5	Morningside	4
AFA	2	Arizona	16
AFA	4	Arizona	9
AFA	2	Wyoming	7
AFA	7	Wyoming	15
AFA	12	Colorado	11
AFA	12	Denver	14
AFA	15	Western State	0
AFA	2	Regis	0
AFA	12	Regis	8
AFA	6	Colo. State U.	2
AFA	10	Colo. State U.	0
AFA	9	Wyoming	8
AFA	12	Colo. College	4
AFA	18	Colo. College	1
AFA	4	Colo. State Col.	13
AFA	13	Colo. State Col.	12

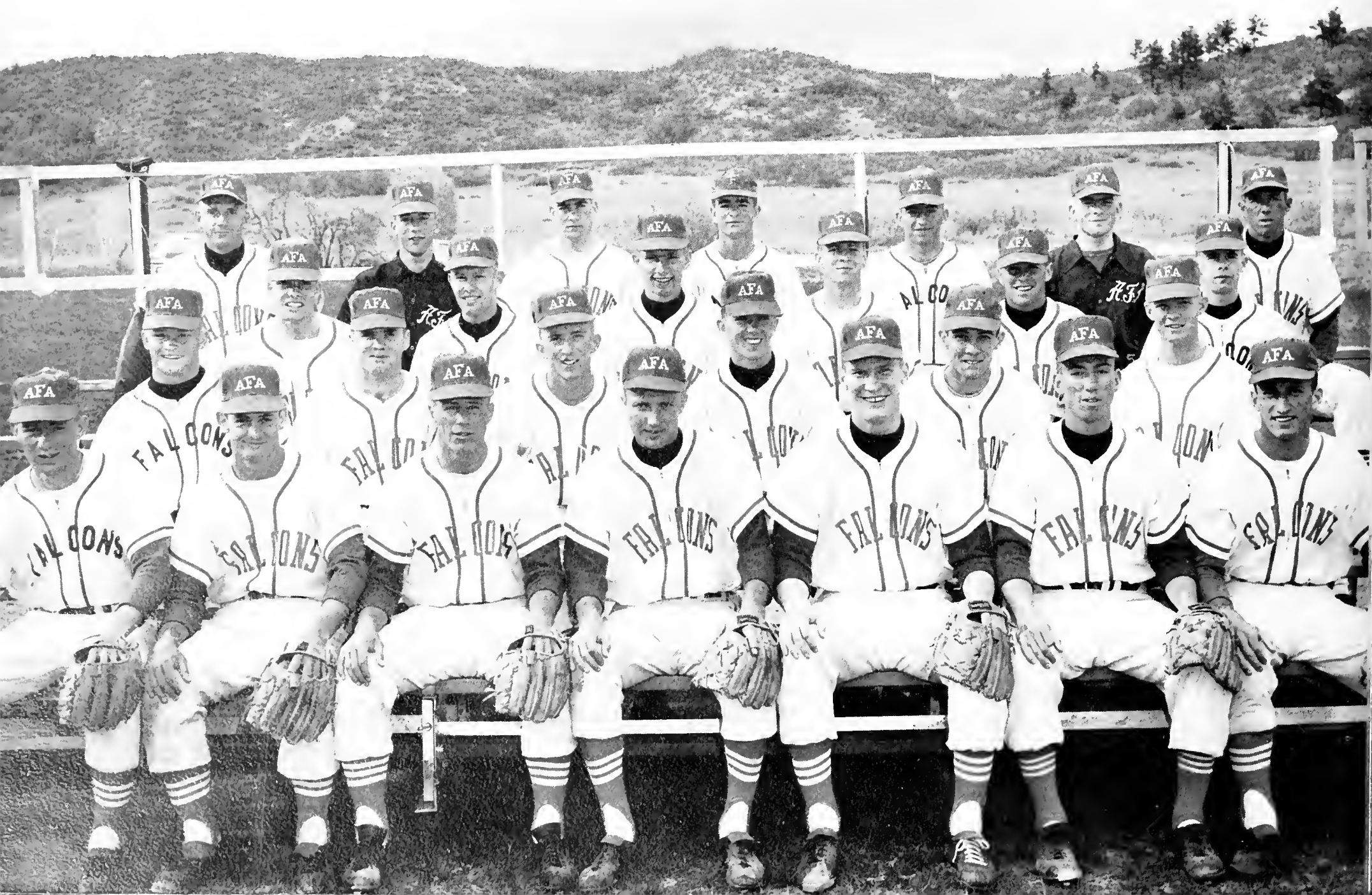
Won 14, Lost 9

Officer Rep.: Lt. Col. V. J. O'Connor

222

**First Row:** Rudy Bow, John Stoples, Mike Quinlan, Norm Holler, Bob Schoumberg, Terry Norris, Clark Walker. **Second Row:** Kirk Clark, Doug Wade, Dave Pederson, Jim Kyle, Ed Martinelli, Troy Tomlin. **Third Row:** Alex Harwick, Larry Moore, Kent Lammers,

Jerry Daniel, Mike Major, Andy Bonford. **Fourth Row:** Asst. Coach Mike McNamara, Charles Conover, Mgr; Tom Wilson, Don Watson, Paul Robinson, Nick Fritz, Coach Wendy Lawrence.







This is better than fishin'.

223



Most impressive stadium around.



NORM HALLER  
Team Captain



Takes a heck of a hit to clear the wall here.



We hit with gusto . . .



We ran with





But we always have that tempting target up on the hill.



We even acted as our own spectators.

enthusiasm.



MR. A. U. ARNESEN  
Coach

# Track

AFA	44	CSU	83
AFA	61	New Mex. Track Club	70
AFA	96	Wyoming	35
AFA	61	New Mexico	69
AFA	76½	Colo. U.	49½
		Denver U.	36
AFA	33	Nebraska	98
AFA	49	BYU	82
AFA	39	Arizona	91

Colorado Univ. Relays:  
New Mex. 18, CU 12, AFA 11, Kans. St. 9, CSU 8, SMU 7, DU 1.

Won 3, Lost 6

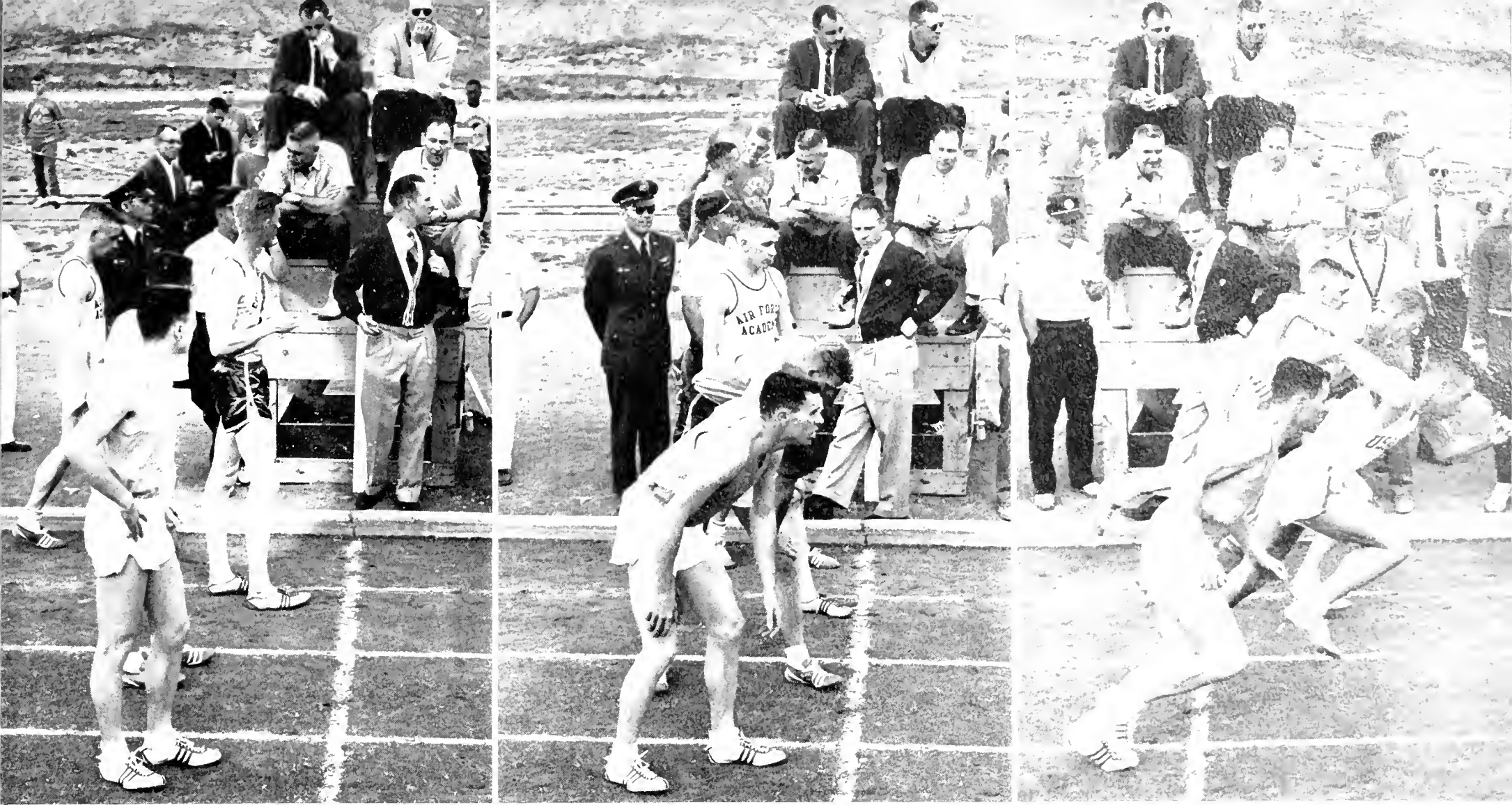
Officer Rep.: Capt. Ty Tandler

Front Row: James Morton (Mgr.), Bill Currier, Niels Jensen, Austin Wedemeyer, Dave Carlstrom, Tony Bilello (Co-Capt.), Miles Kaspar (Co-Capt.), Joseph Carlong, John Kohout. Second Row: Capt. Jack Steger, John Brucher, John Rogers, Bob Fisher, John Fer, Gory Baughmon, Butch Viccellio, Jim Polk, Cooch Arne Arnesen. Third Row: Doug

McConnell, Fred Sonzenbacher, Dick Perlotto, Bill Foster, Randy Hertzog, Dave Rae, Roy Stafford, Dick Schehr. Fourth Row: Capt. Hol Shultz, Jim D'Entremont, Bob Connolly, Will Holbrow, Dick Parker, Norm Roderick, Capt. Ed Matthews, Capt. Ty Tander.







No matter...

how you look at it...

our fleet-footed Falcons...



ore way out front.





On the ground . . .



we scored our points . . .





And in the air . . .



usually.



CAPT. BOB SULLIVAN  
Coach

# Gymnastics

AFA	84	Denver	19
AFA	35	Illinois	76
AFA	29	So. Illinois	82
AFA	85	Brigham Young	27
AFA	83	Arizona	29
AFA	74½	CSU	37½
AFA	71	Colo. Univ.	41
AFA	58½	UCLA	69½
AFA	69	Colo. St.	43
AFA	34	Minnesota	78

All College Invitational:

1st Place AFA 169

Rocky Mountain AAU Championships:

1st Place AFA 137½

Won 6, Lost 4

Officer Rep.: Lt. Col. John Kerig

Front Row: Arthur Lewis, Paul O'Connor, Mike Love (Team Capt.), Lee Butler, John Rausch. Second Row: Capt. Bob Sullivan (Coach), David Hmiel, Gerard Young, James

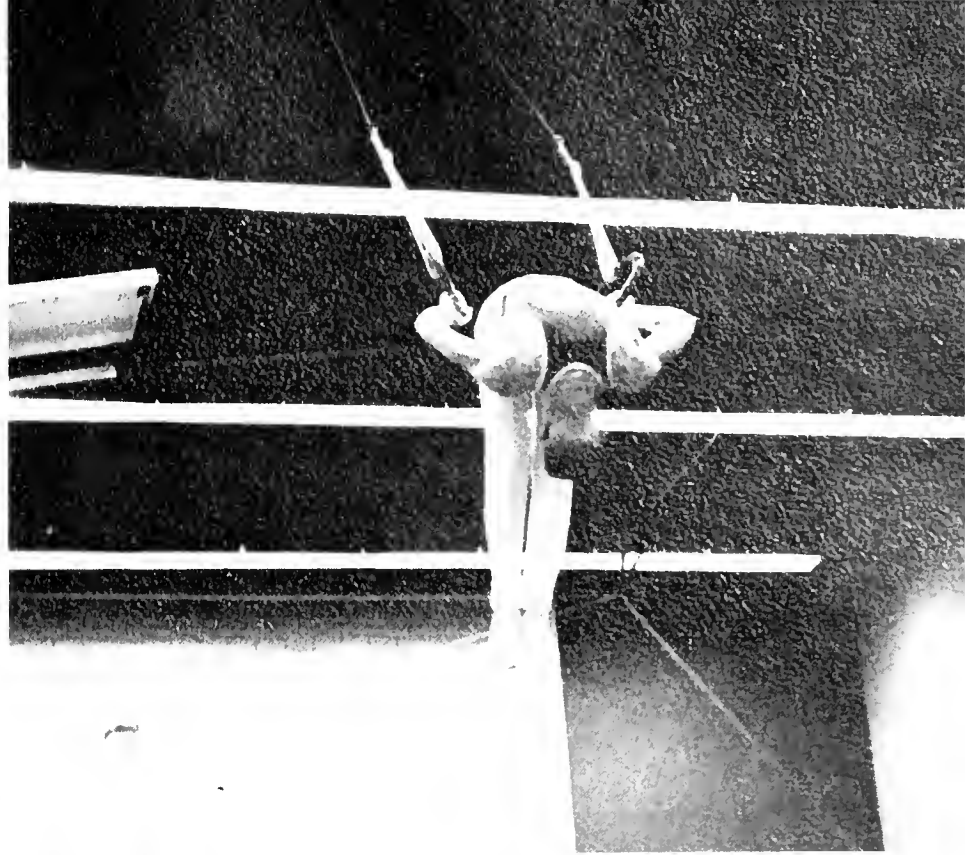
O'Rourke, Rondell Schaumberger, James Wilhelm, Lt. Col. Kerig (Off. Rep.). Third Row: Richard Howell (Mgr.), Albert Johansen, Paul Sullivan, David Wiest, John Hendricks.







Sullivan's Pride takes to the air.



Check with pilot training.



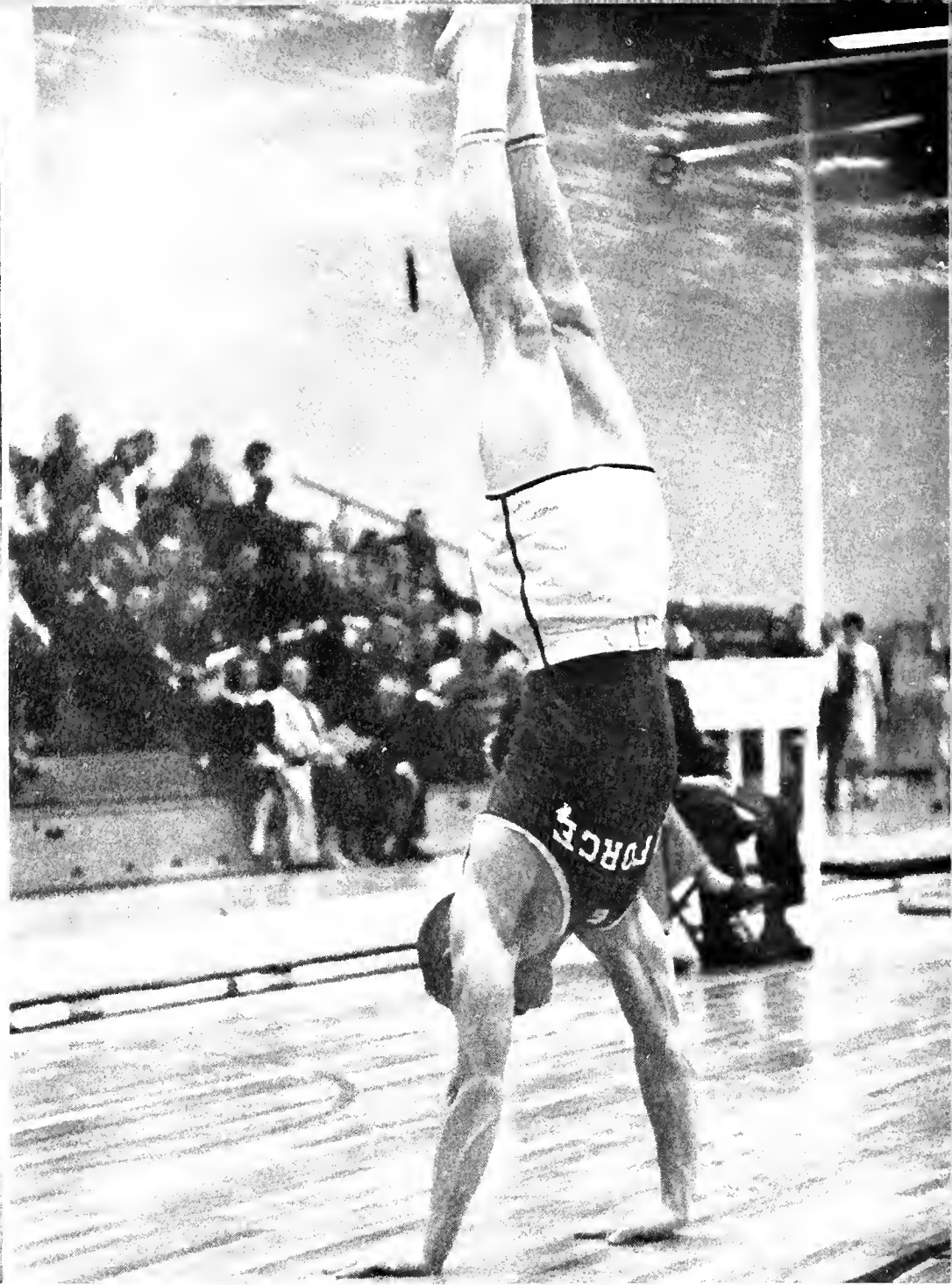
'cause who needs wings?





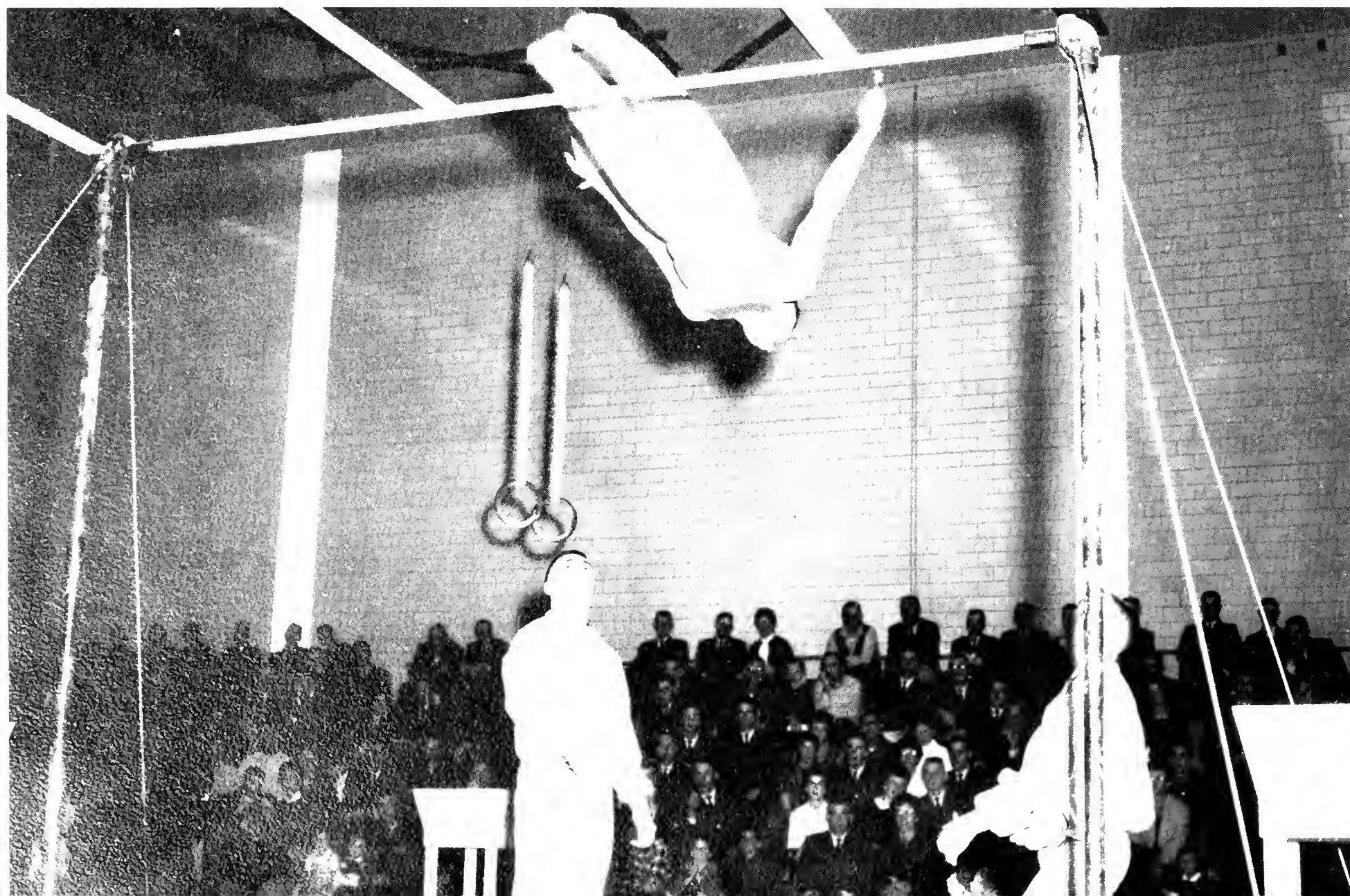


This sport gives one . . .



A very peculiar outlook on life.

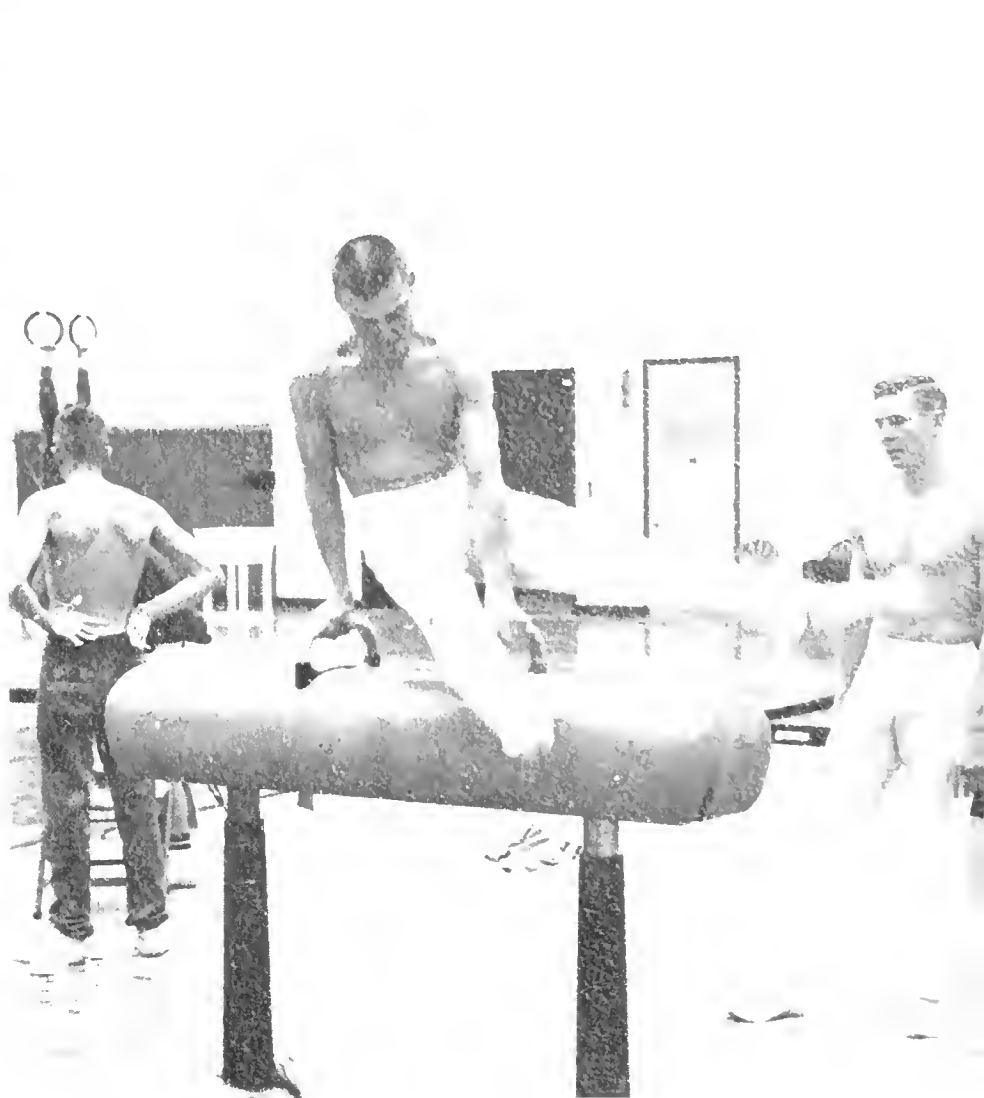
About now, one always wonders if those two are REALLY READY.





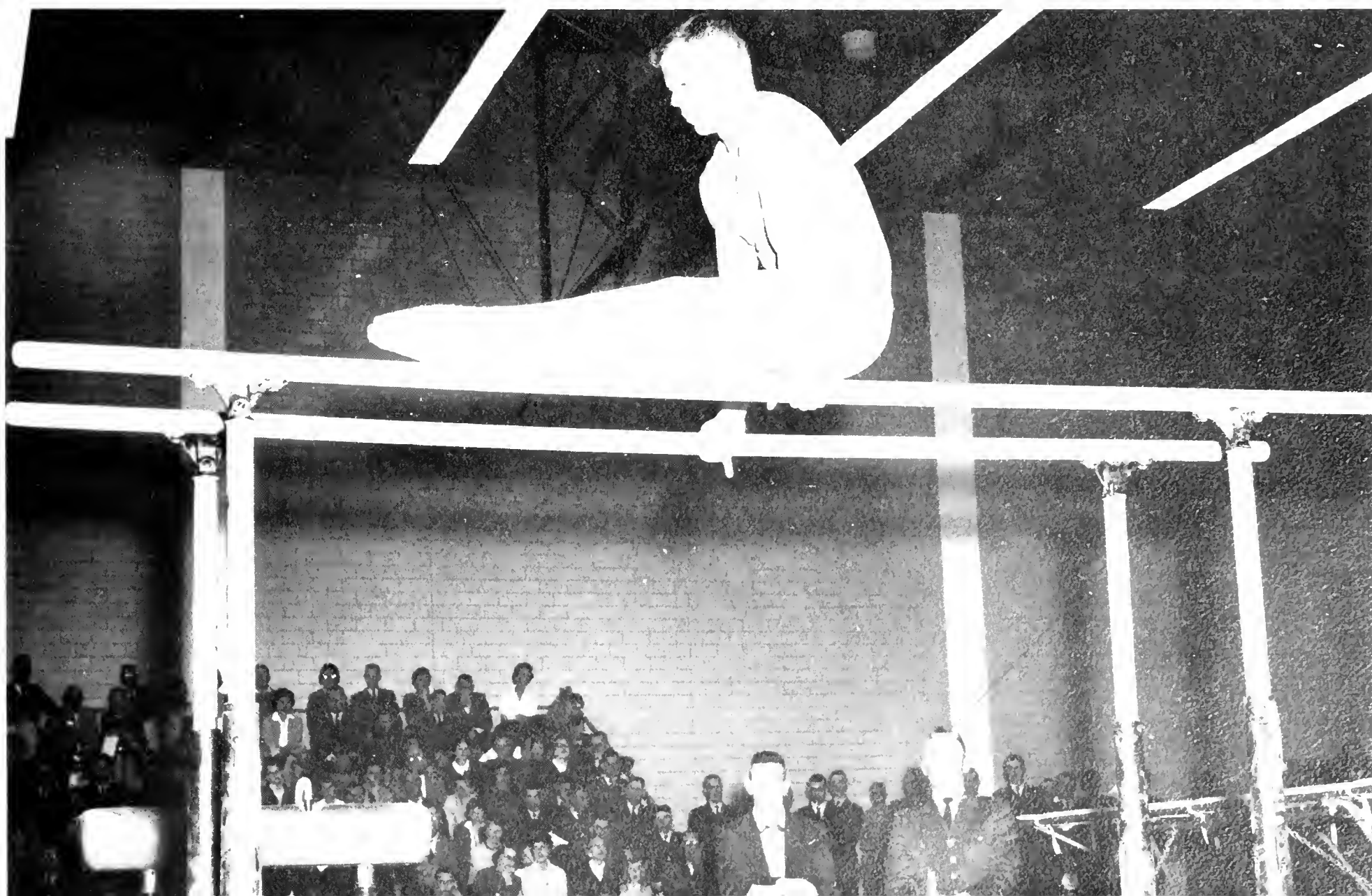


Everything's upside down...



or whirling around.

Some bars they love to see us in.





MR. ARNE U. ARNESEN  
Coach

# Soccer

AFA	2	Wyoming	1
AFA	5	Colorado	3
AFA	3	Wyoming	1
AFA	6	Colo. Mines	2
AFA	1	Army	4
AFA	3	Royal Roads Acad.	0
AFA	1	Colo. Mines	0
AFA	1	Colorado	2

Won 6, Lost 2

Officer Rep.: Lt. Col. George F. Babits

234

**Front Row,** Left to Right: Steve Ha, Robert Weight, Jaspar Hardison, Andy Biancur, Dale Thompson (Capt.), Dave Sweigart, Dan Singer, Sidney Newcomb, Billy Delany, Robert Schaller, Dave Harlan. **Second Row,** Left to Right: Arne Arnesen (Head Coach), Charles Price, Ran Miller, Dave Rae, John Taylor, Tom McAtee, Bill Griffis, Larry Shewmaker,

Dave Pederson, Lyman Marshall, Robert Kuchlewski, Wing Camdr. Bob Freer (Ass't Coach). **Third Row,** Left to Right: Charles Thomas (Mgr.), Roger Woodbury, Richard Fairlamb, Douglas Cairns, Paul Dean, Ran Staples, Steve Nielson, Al Harwick.







Notice the trim ankles, lovely footwork.



The Cranwell lads knew how to play the ruddy game.

"I say old chap. . . which bloomin' field are we playing on?"





Ever notice how  
soccer players  
can always find  
something to kick about?







MR. NICHOLAS TOTH  
Coach

# Fencing

AFA	20	Arizona	7
AFA	16	Wisconsin	11
AFA	10	Illinois	17
AFA	15	Iowa	12
AFA	19	Michigan	8
AFA	10	Notre Dame	17
AFA	12	Denver Fencing Club	15
AFA	22	Kansas	5
AFA	13	Denver Fencing Club	11

## Western Intercollegiate Conference:

1st Place AFA 84 points  
AFA Foil Team won team title  
AFA Sabre Team won team title  
AFA Epee Team placed second

Won 6, Lost 5

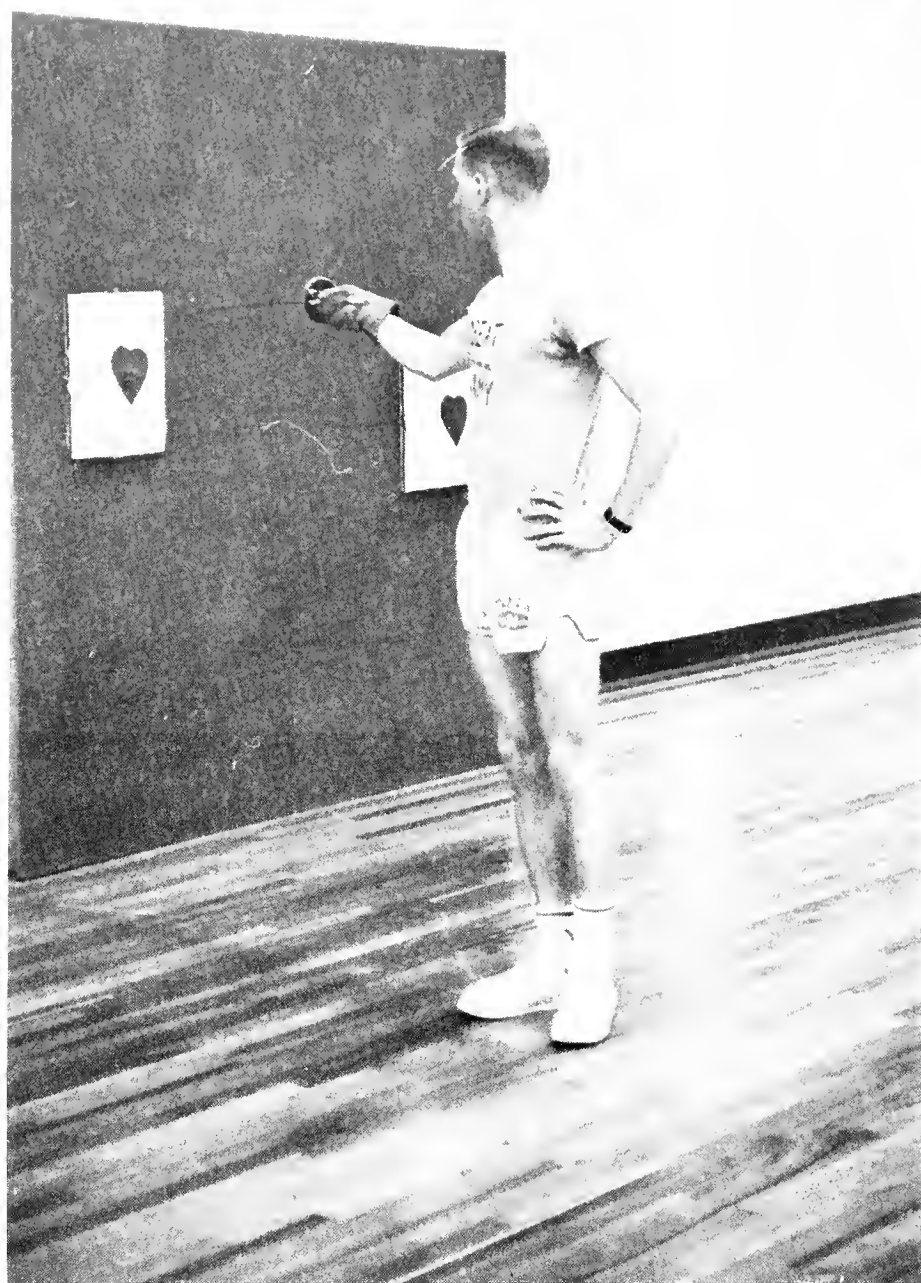
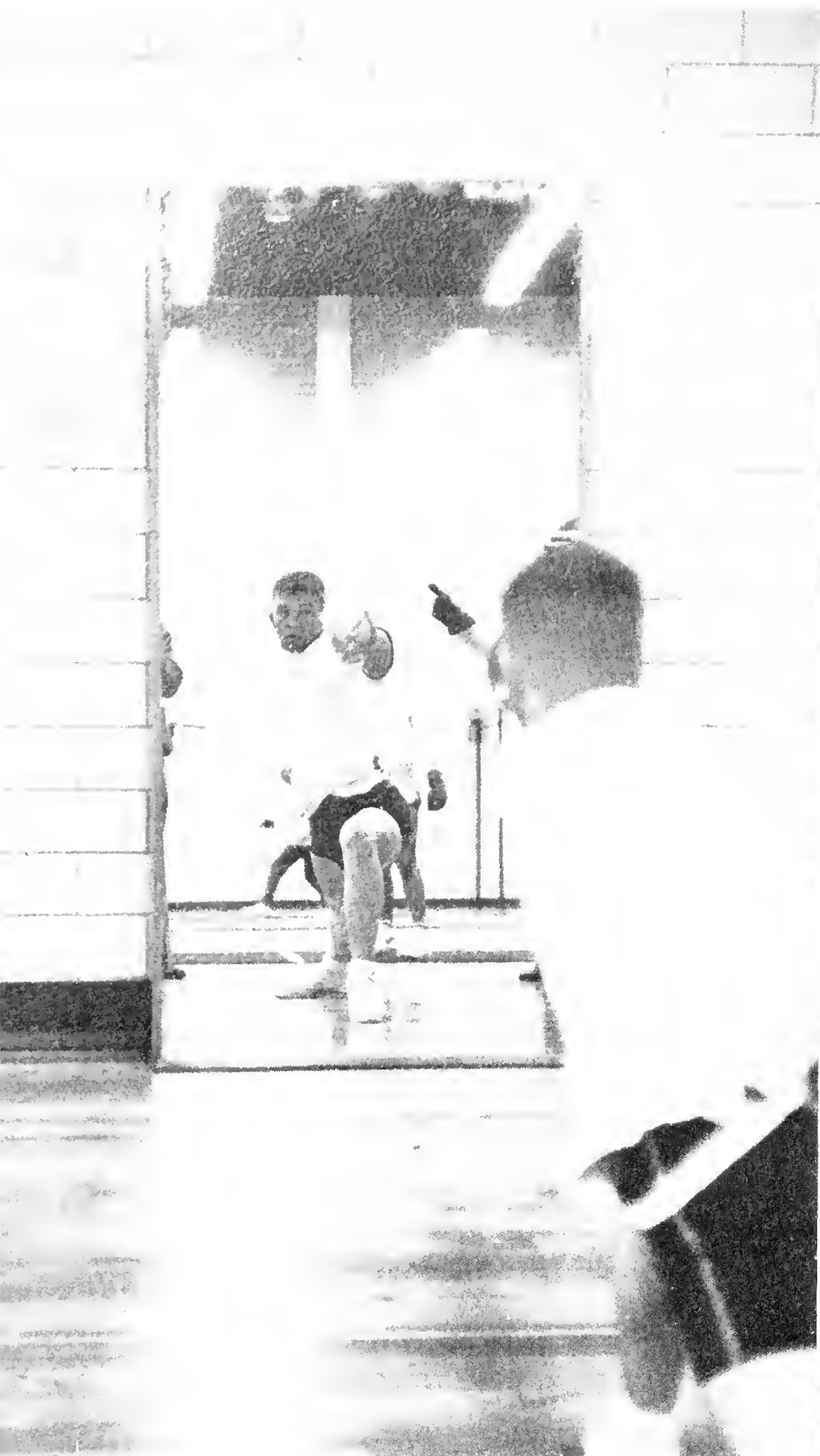
Officer Rep.: Lt. Col. J. L. Jackson

237

**Front Row:** John Hauschildt, Daniel Donovan, Paul Clanton, Morris Smith, John Ellsworth. **Second Row:** Robert Woelfel (Mgr.), Keith Keppen, Robert Holcomb, Peter Holmes-Ray, John Browning, Phillip Cooke, Gary Forrest, Dean Bristow (Mgr.). **Third**

**Row:** Addison Thompson, Charles Turner, Robert Davis (Team Capt.), John Wolcott, Murle Wilson, George Hines, David Haines.

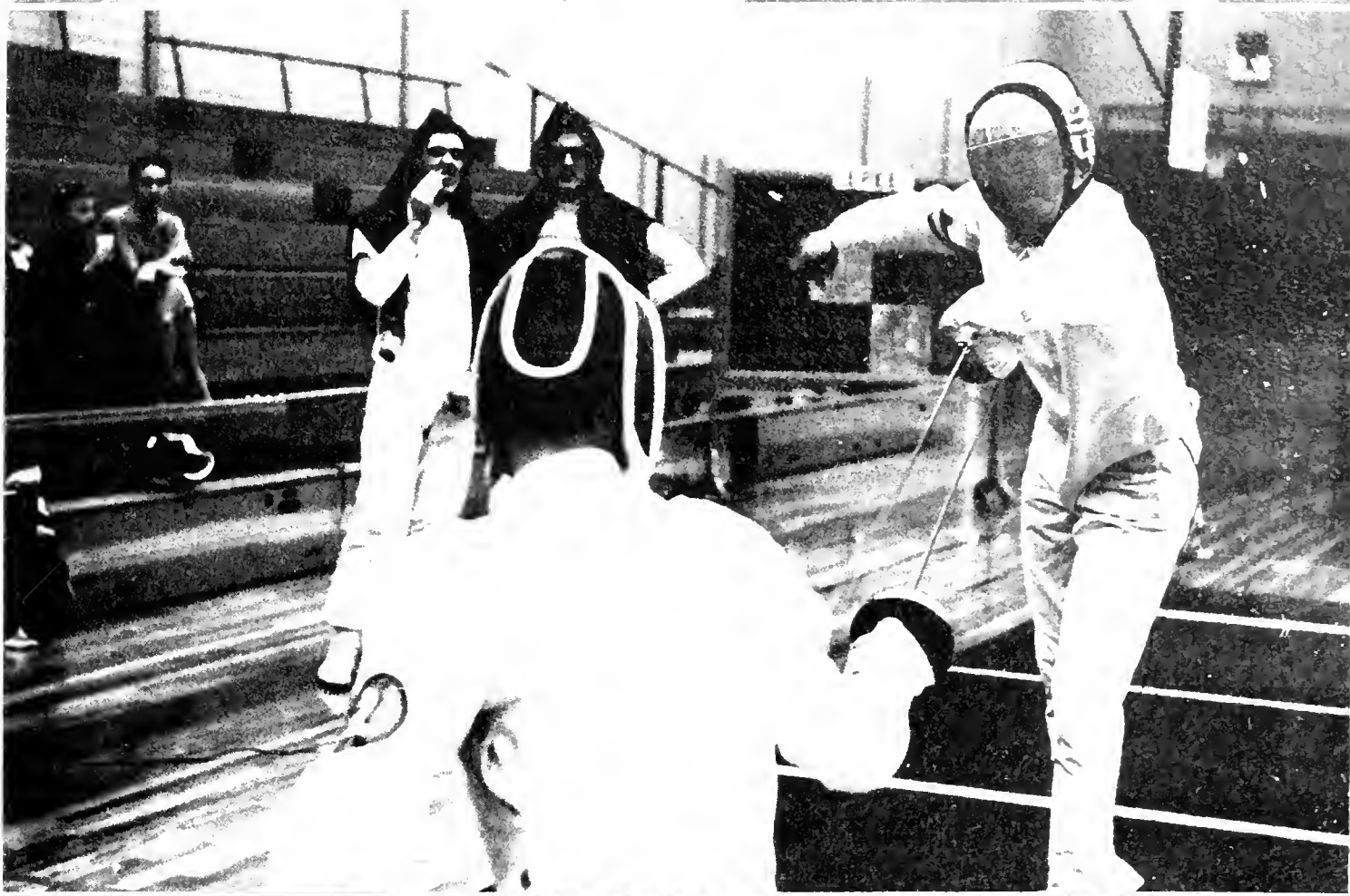
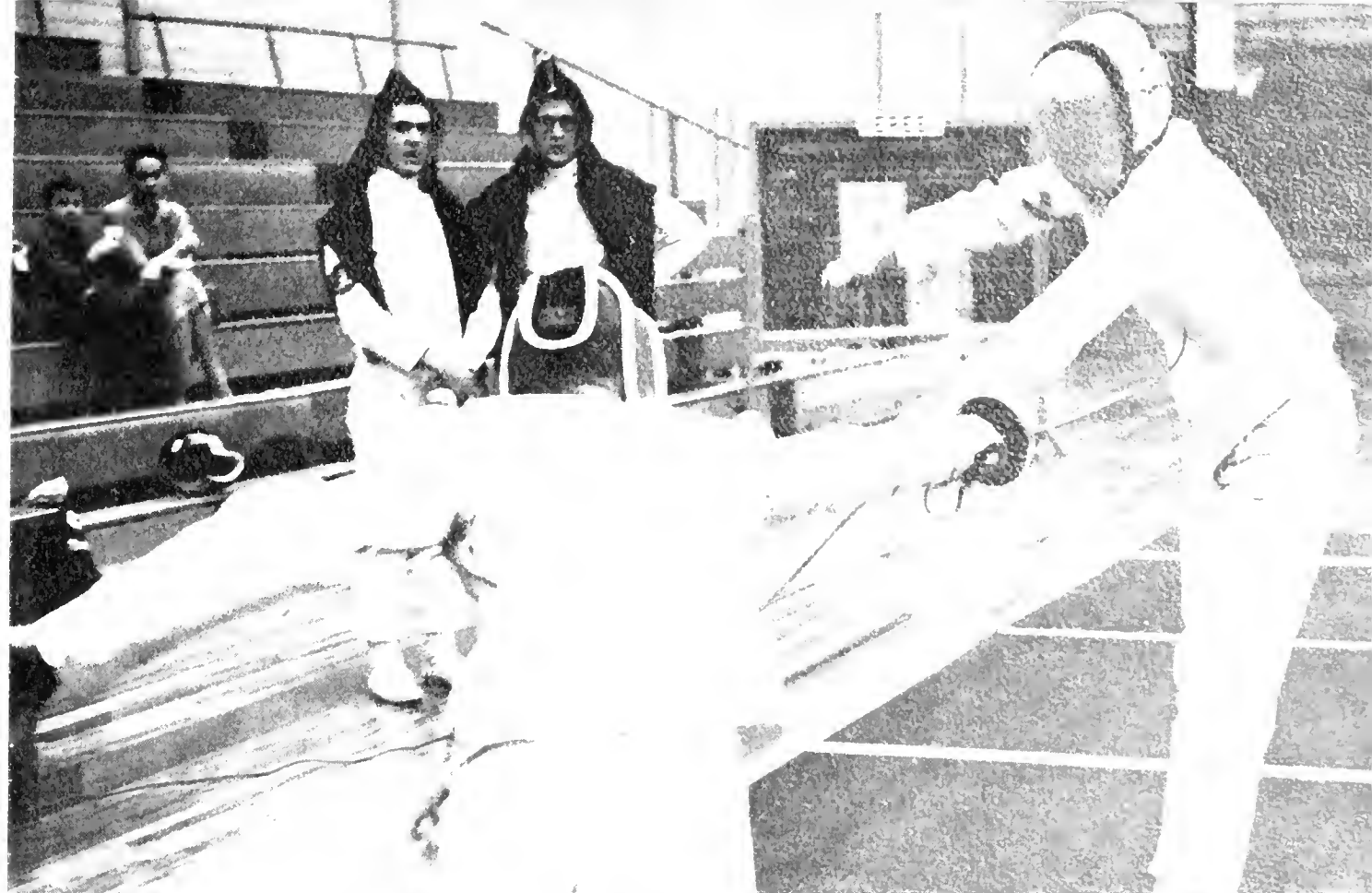




The Three Musketeers... who were they?









MR. KARL KITT  
Coach

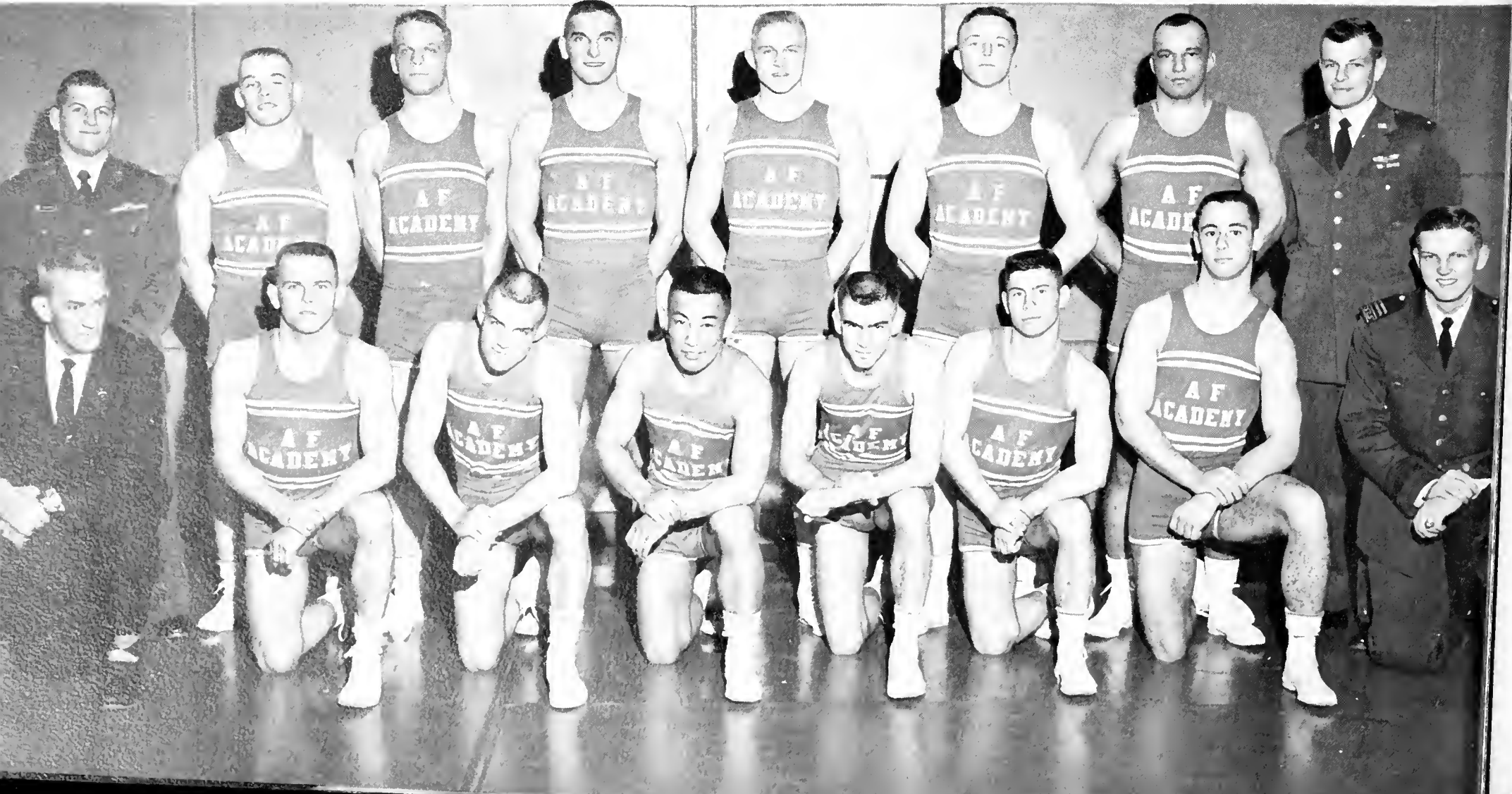
240

# Wrestling

AFA	0	Colo. St. Coll.	28
AFA	16	Adams State	14
AFA	11	Denver	15
AFA	25	Ft. Hays (Kans.)	11
AFA	30	Nebraska	10
AFA	6	Kansas State	22
AFA	17	UCLA	9
AFA	9	CSU	15
AFA	8	CU	20
AFA	5	Colo. Mines	26

Won 4, Lost 6

Front Row: Mr. Karl Kitt (Coach), Edward Spicer, Jim Fey, Ben Furuta, Donald Heacox, Harold Keck, Charles Franca, Dove Luce (Mgr.). Second Row: Copt. Dick Fritts (Ass't Coach), Joe Zaleski, Tom Sutton, Richard Day, Terry Jorris, Wayne Kendall (Team Capt.), Edward Motekeu, Lt. Bob Strickland (Ass't Coach).

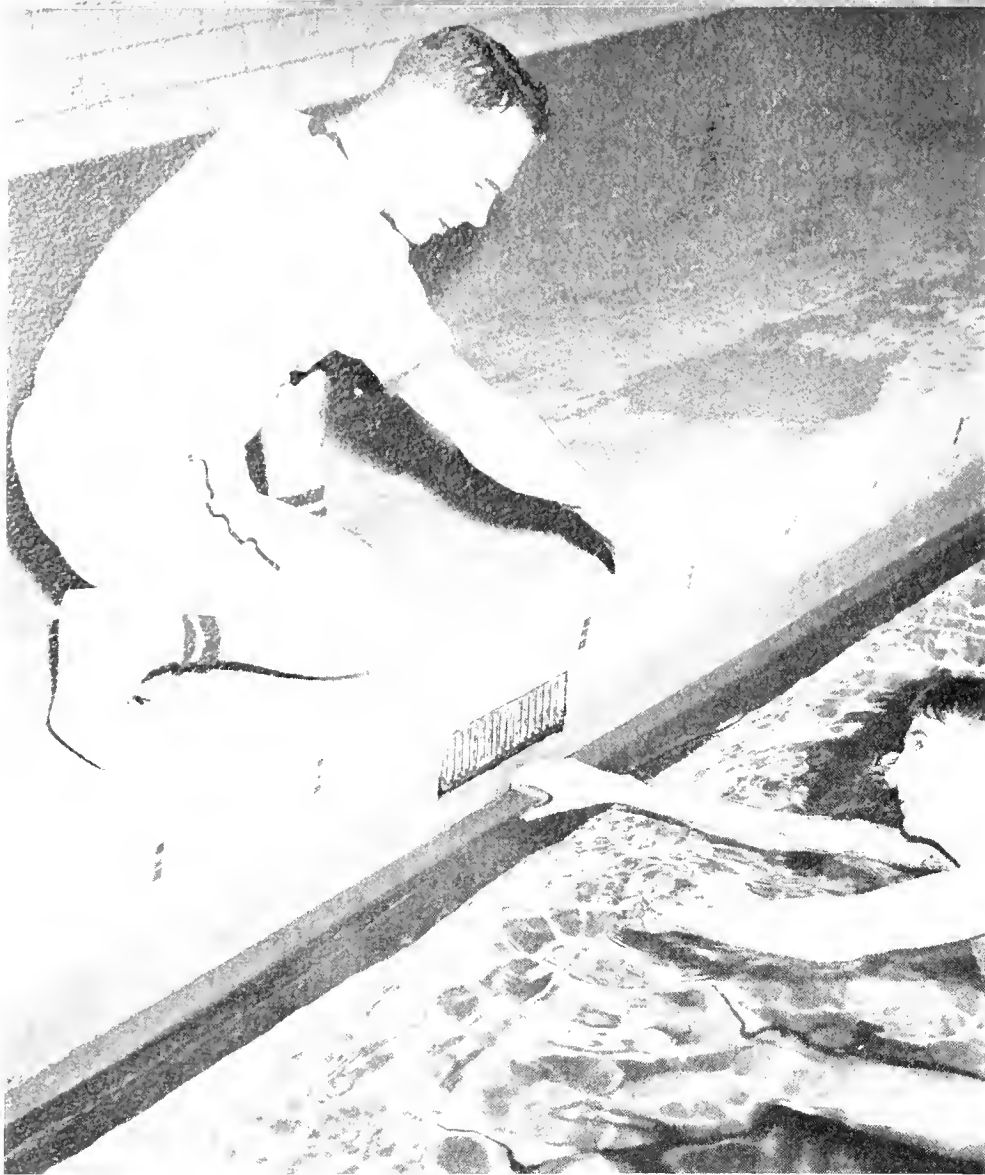






These boys really  
get all wrapped  
up in their work.





CAPT. PAUL CLELAND  
Coach

## Swimming

AFA	63	Colo. Mines	32
AFA	23	Oklahoma	71
AFA	69	Colo. State Univ.	26
AFA	53	Nat. Univ. of Mex.	42
AFA	48	Utah	47
AFA	63	Colo. St. Coll.	32
AFA	50	Wyoming	44
AFA	53	Denver	42
AFA	75	New Mexico	19
AFA	63	Colo. Univ.	32
AFA	56	Texas Tech.	39

Wyoming Relays at Laramie:

1-Wyoming 60, 2-Colo. St. Coll. 33, 3-Utah 30, 4-AFA 25, 5-Colo. St. Un. 20, 6-Colo. Univ. 18, 7-Utah St. 14, 8-New Mexico 8.

Won 10, Lost 1

Officer Rep.: Lt. Col. A. R. Miele

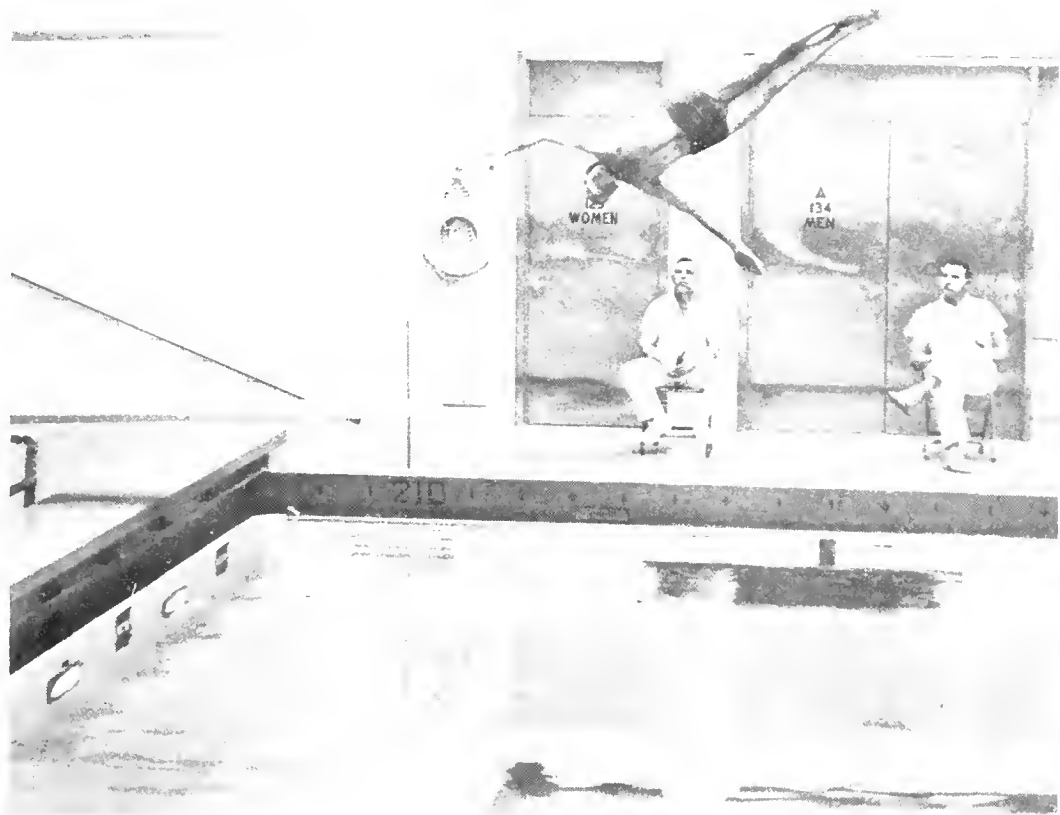
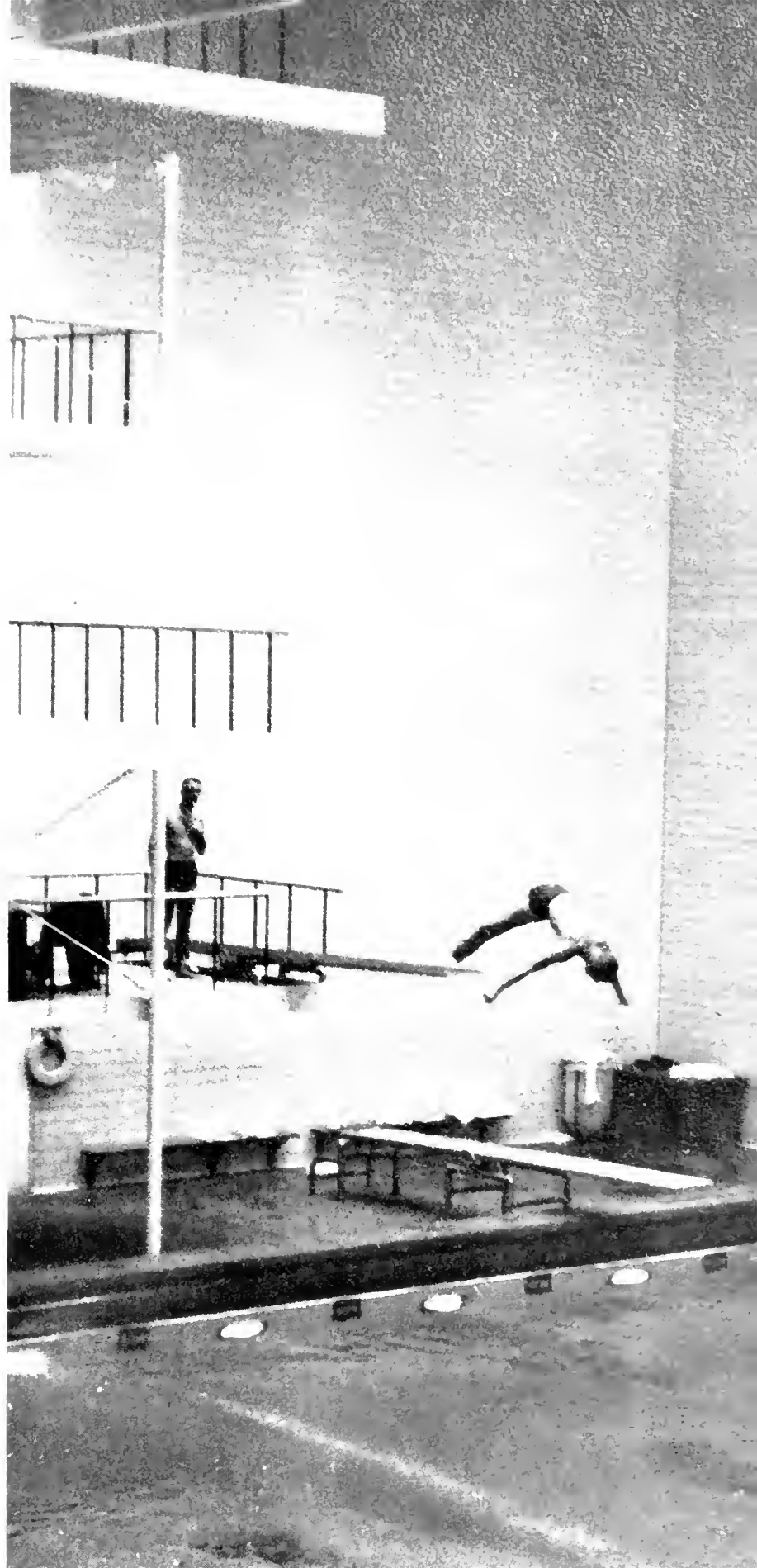
242

**Front Row:** Bob Smith (Mgr.), Dave Reed, Derry Adamson, Team Captain; Jerry Farquhar, Kirk Canterbury, Denny O'Keefe. **Second Row:** Al Blaisdell, Jim Poole, Dick Fair-

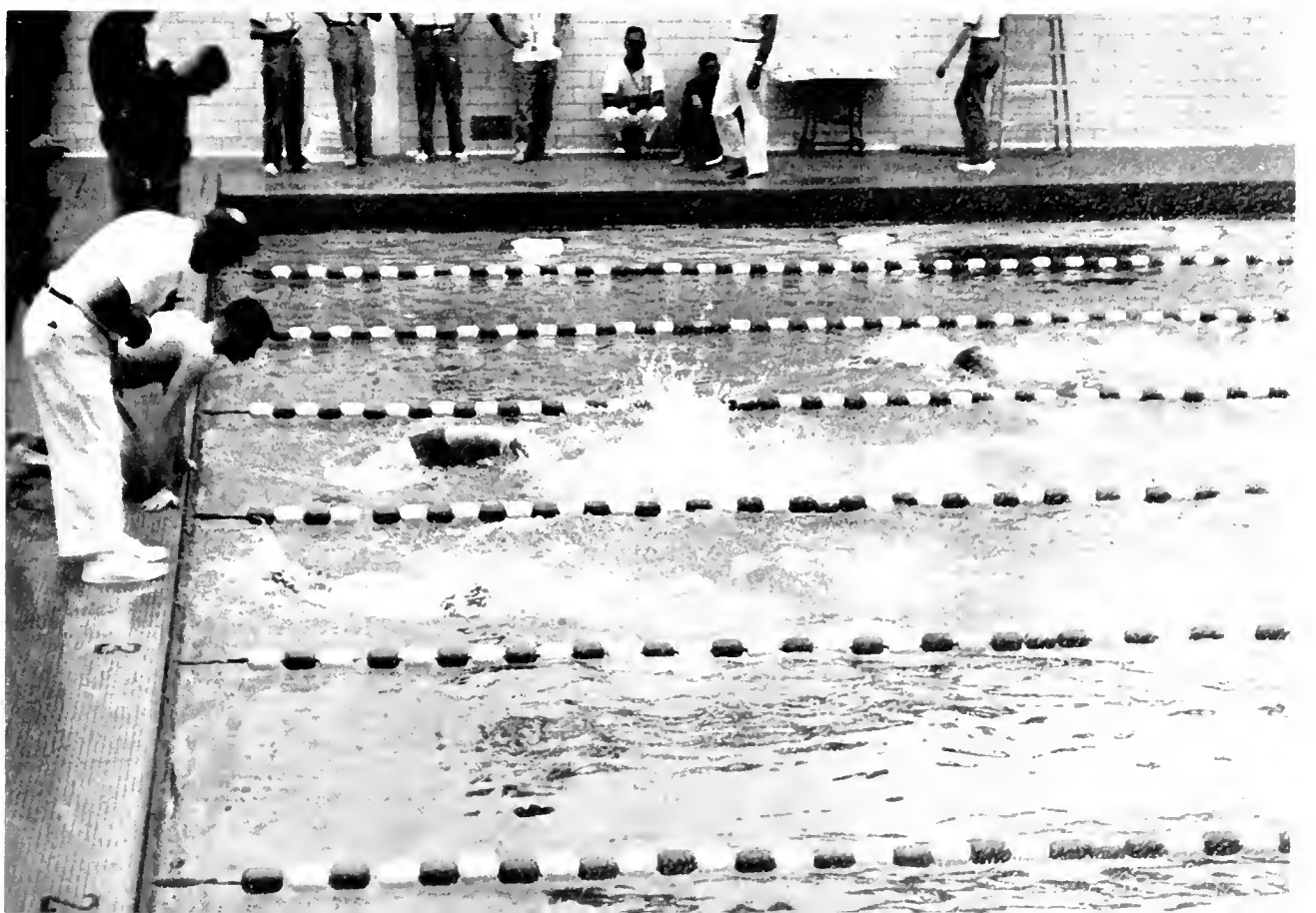
lamb, Jim Hourin, Mike Blaisdell. **Third Row:** Capt. Paul Cleland, Coach; Bob Parker, Phil Hepburn, Tom Hutchison, Jim Whitted, Capt. Bill Agre, Ass't Coach.







This is a very  
rare specie—  
Swimming Falcons.





CAPT. CHARLES OLIVER  
Coach

# Tennis

AFA	5	Colo. St.	4
AFA	1	Denver	8
AFA	6	Colo. College	3
AFA	0	Brigham Young	9
AFA	1	Utah	8
AFA	9	Colo. Mines	0
AFA	0	Wyoming	9
AFA	0	Wyoming	9
AFA	5	Regis	1
AFA	2	Denver	7
AFA	5	Colo. College	4
AFA	8	Western St.	1
AFA	4	Colo. Univ.	5
AFA	5	Regis	1
AFA	1	New Mexico	8

Won 7, Lost 8

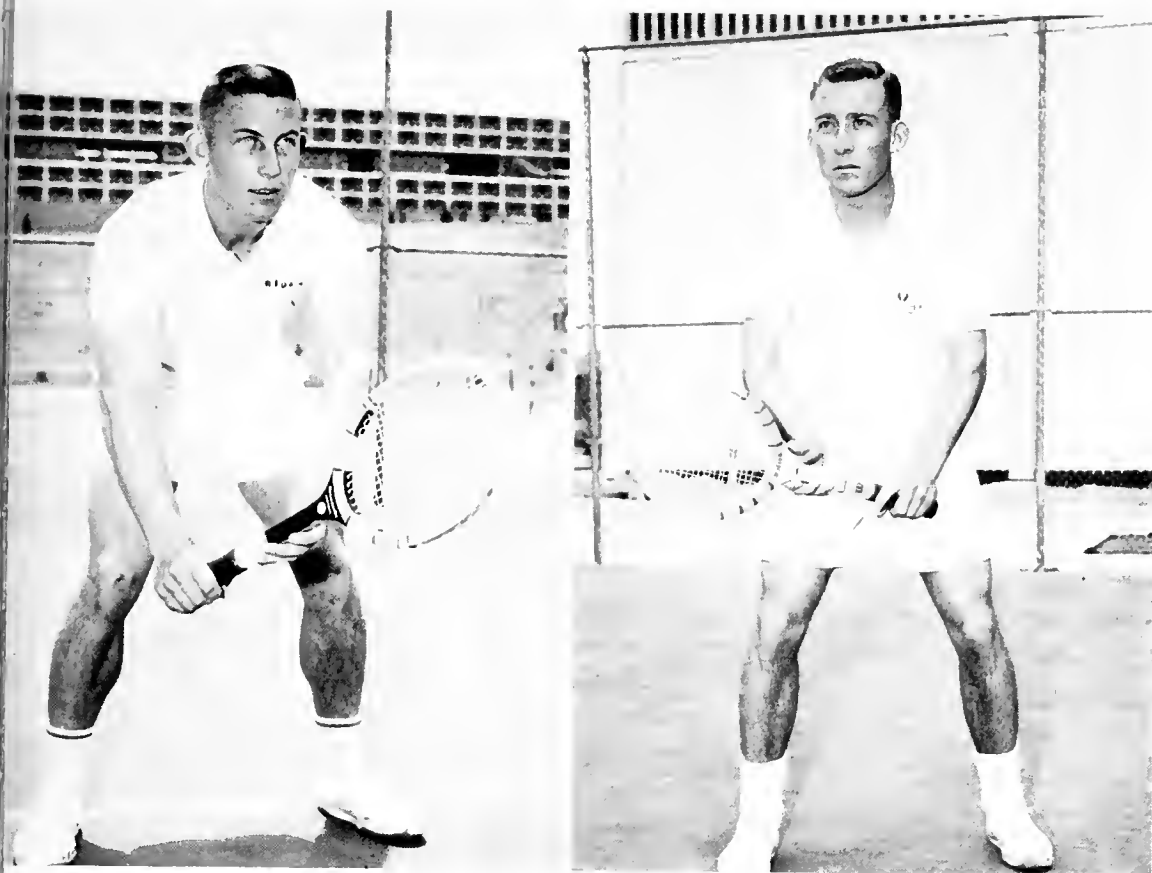
Officer Rep.: Maj. Charles Seegar

Front Row: Norm Campbell, Mgr.; Warren Haslouer, Charlie Hale, Bob Scauzillo, Carl Renoud, Larry Shewmaker, Kenneth Fisher, Dick Ramsey. Second Row: Maj. Charles

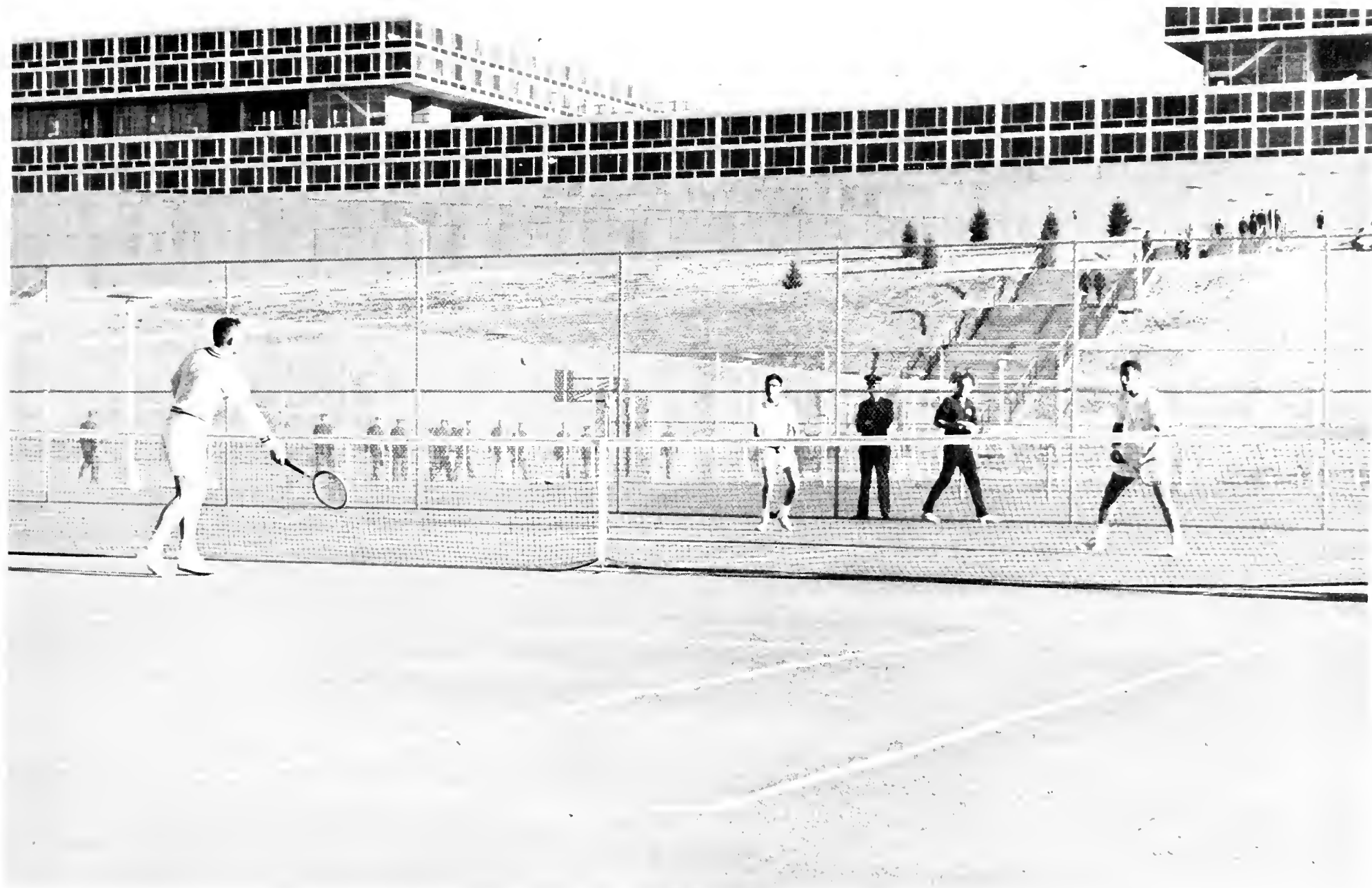
Seegar, Officer Rep.; Jerry Stack, Captain; Bab Rager, Charles Upton, Steve Bishop, Paul Dean, John Stackhouse, Capt. Charles Oliver, Coach.







They soon learned  
to compensate for  
the prevailing wind.



# Golf



CAPT. ROX SHAIN  
Coach

AFA	10½	Denver	29½
AFA	11	Colo. College	1
AFA	5½	Arizona	21½
AFA	2½	Arizona	24½
AFA	12½	Wyoming	8½
AFA	16	Colo. College	2
AFA	10½	Denver	12½
AFA	4½	New Mexico	10½
AFA	3½	Colo. Univ.	23½
AFA	14½	Regis	12½
AFA	13	Colo. St. Univ.	14
AFA	9½	Wyoming	8½

## Colorado College Invitational:

1-Houston 880, 2-Okla. St. 890, 3-New Mex. 924, 4-Okla. 956, 5-Utah 957, 6-Colo. Univ. 959, 7-Colo. St. Univ. 970, 8-East. N. Mex. 976, 9-Denver 982, 10-AFA 985, 11-Wyoming 1009, 12-Colo. Coll. 1031.

Won 5, Lost 7

Officer Rep.: Capt. Tom Armour

Front Row: Lew Svitenko, Mark Anderson, Jerry Lefton, Larry Karnowski (Captain elect), Jim Mills, Jim Haurin. Second Row: Capt. Rox Shain (Coach), Jack Swanson, Pete King (Mgr.), Chris Brown, Chuck Croll, Tom Hutchinson (Mgr.), Capt. Tom Armour (Off. Rep.).



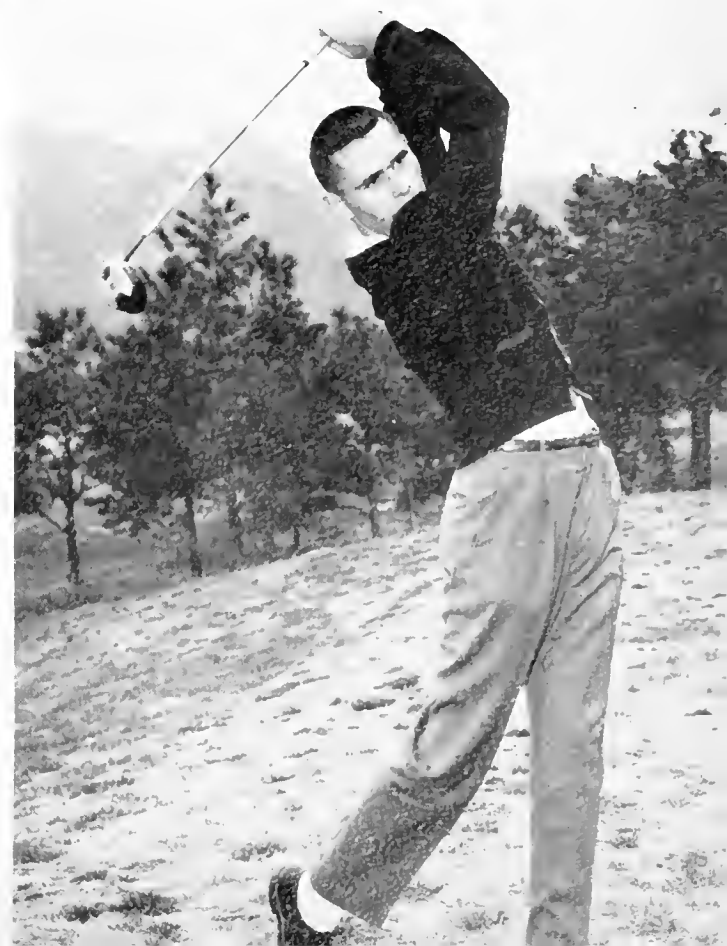




They follow in the  
footsteps of an  
illustrious military man.



Who knows what such training could lead to?





CAPT. ED MATTHEWS  
Coach

# Cross Country

AFA	28	Okla. St.	31
AFA	28	Ft. Sill	75
AFA	29	Colo. Univ.	26
AFA	21	Nebr. St. Teachers	35
AFA	30	So. Calif.	25
AFA	23	Stanford	36
AFA	22	UCLA	34
AFA	15	Royal Roads Acad.	43
AFA	23	New Mexico	32

NCAA Meet:  
1-Mich. St. 44, 2-Houston 120, 3-Iowa 134, 4-Notre Dame 141, 5-Iowa St. 153, 6-Army 160, 7-Indiana 185, 8-AFA 188, 9-Penna. 213, 10-Syracuse 226, 11-Alfred Univ. 241, 12-Miami Univ. 335.

Won 7, Lost 2

Officer Rep.: Lt. Col. W. L. Baxter

Front Row: Joe Mondel, John Fer, Tony Bilello (Team Capt.), Dave Carlstram, Austin Wedemeyer. Second Row: Ken Fleming, Sidney Abbott, Bill Foster, Dick Parker. Third

Row: Capt. Ed Matthews (Coach), Capt. Jack Steeger (Ass't Coach), Dick Perlatto, Will Holbrow, John Starkey (Mgr.), Lt. Col. Baxter (Off. Rep.).







The Academy's best equipped  
team — they had training space galore.





CAPT. PAUL INGRAM  
Coach

## Skiing

University of Wyoming Invitational:

1-Denver 376.3, 2-Colorado Univ. 364.7, 3-Wyoming  
338.7, 4-Utah 327.4, 5-Western St. 317.2, 6-AFA 205.6.

Officer Rep.: Col. Evan F. Bourne

250

**Left to Right:** Capt. Paul Ingram (Coach), Richard Shepard, Joseph Dryden, George Lorson, Stuart Boyd, Michael Schieber, Peter Burton, Bruce Hinds, Eric Vettergren, Richard Milnes, Frederic Hawkins, Sidney Abbott, Col. E. F. Bourne (Off. Rep.).







Environmentally speaking,  
they were ideally  
situated.





M/SGT GEORGE BOLEY  
Coach

# Rifle

AFA	1427	Colo. Mines	1353
AFA	1427	Nebraska	1401
AFA	1427	VPI	1406
AFA	1426	Wisconsin	1386
AFA	1429	Ohio State	1403
AFA	1429	Okla. State	1349
AFA	1427	Colo. U. AFROTC	1334
AFA	1429	CSU	1399

California Invitational:  
 1-Calif. 1424, 2-AFA 1422, 3-San Francisco Univ. 1409,  
 4-San Jose St. 1406, 5-UCLA 1393, 6-Calif. (Davis  
 Branch) 1376, 7-Calif. NROTC 1311.

Won 8, Lost 0

**Front Row:** Wilfred Goodson (Team Capt.), Richard Duvall, Conrad Biegalski, Beau Gabel, Richard Johnson, Geoffrey Engels, Richard Kingman. **Second Row:** John Smith (Mgr.), Howard Badenhamer, Larry Freeman, David Bockelman, Clifford Fallon, Carlos

Cochrane, Robert Scauzillo, Douglas McConnell, George Luck, Thomas Eller, Denis Walsh, Richard Mickel, Jules Viquesney, Robert Bartley, Alex Zimmerman, M/Sgt Boley.







The local fauna  
have learned not to  
trifle with these  
sharpshooters.



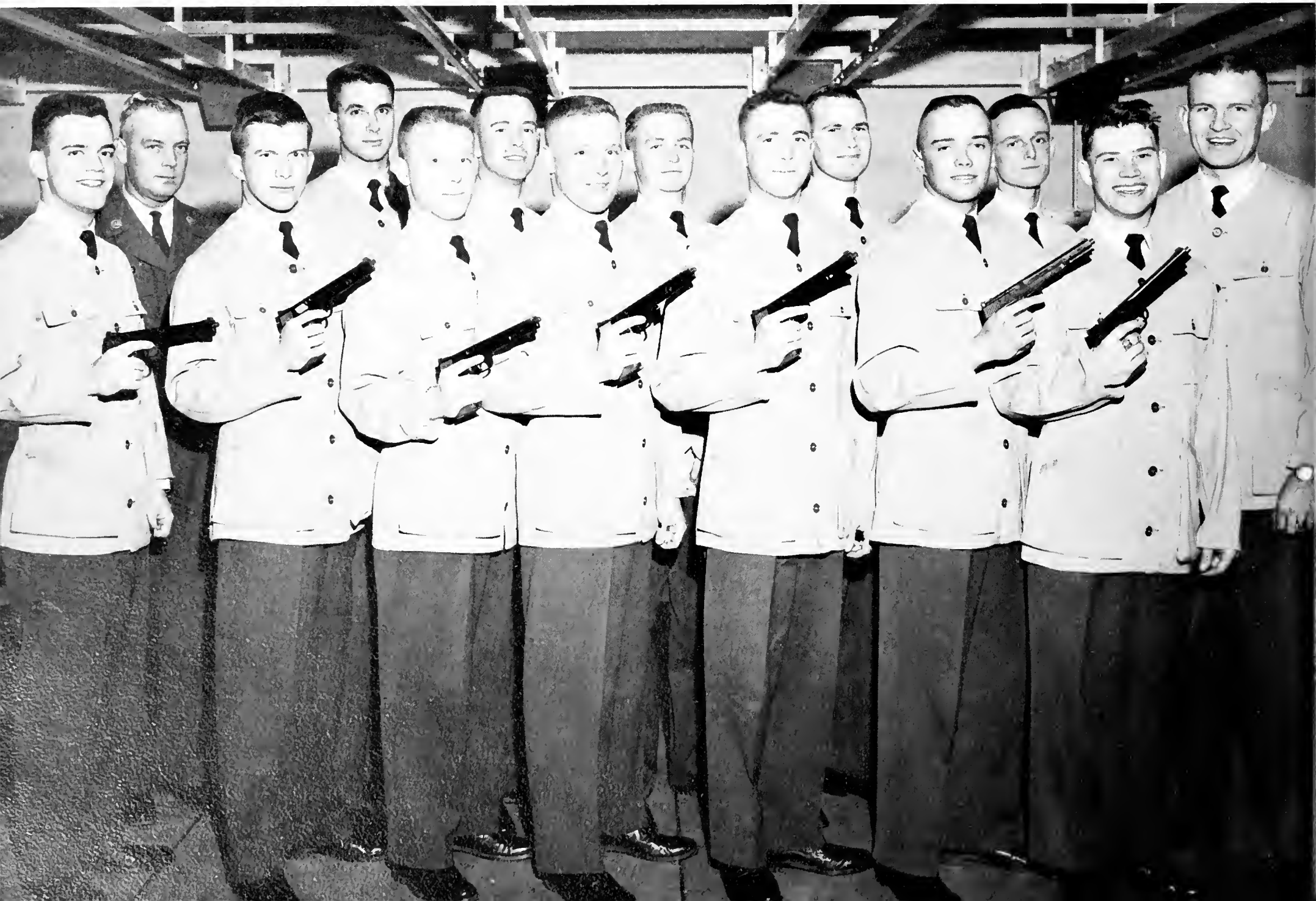
# Pistol

AFA	1309	Ent AFB	1355
AFA	1332	Wisconsin	1326
AFA	1340	Lackland AFB	1426
AFA	1331	Ent AFB	1367
AFA	1332	ARADCO	1404
AFA	1332	Ft. Carson	1330
AFA	1332	Colo. Mines	1209
AFA	1333	Army	1382
AFA	1334	Texas A&M	1381

Won 3, Lost 6

M/SGT. A. S. YOUNG  
Coach

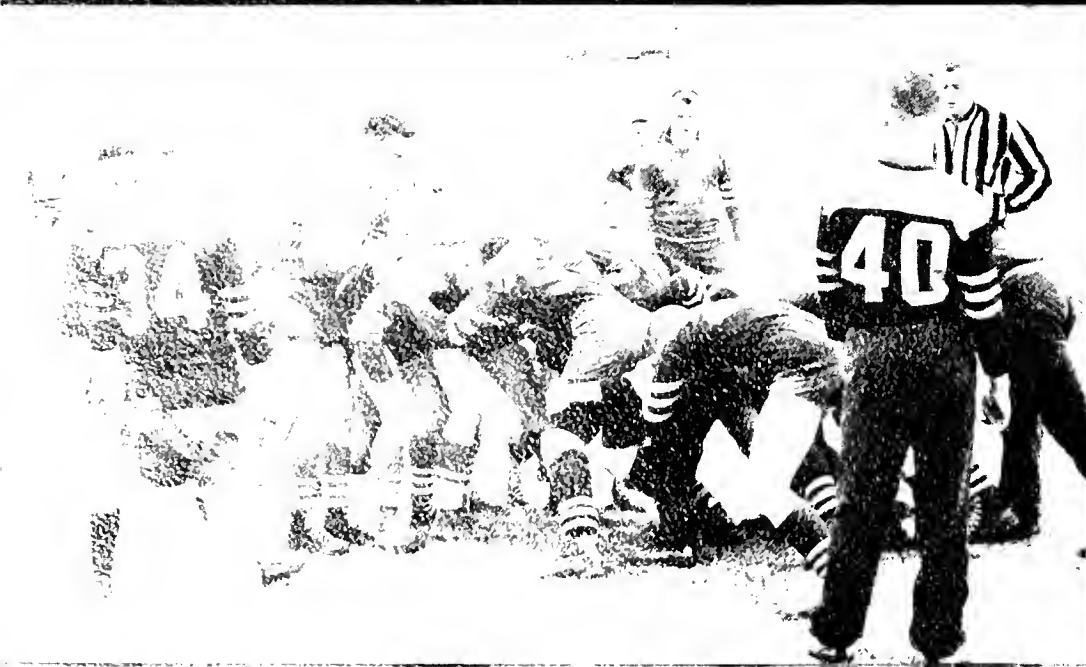
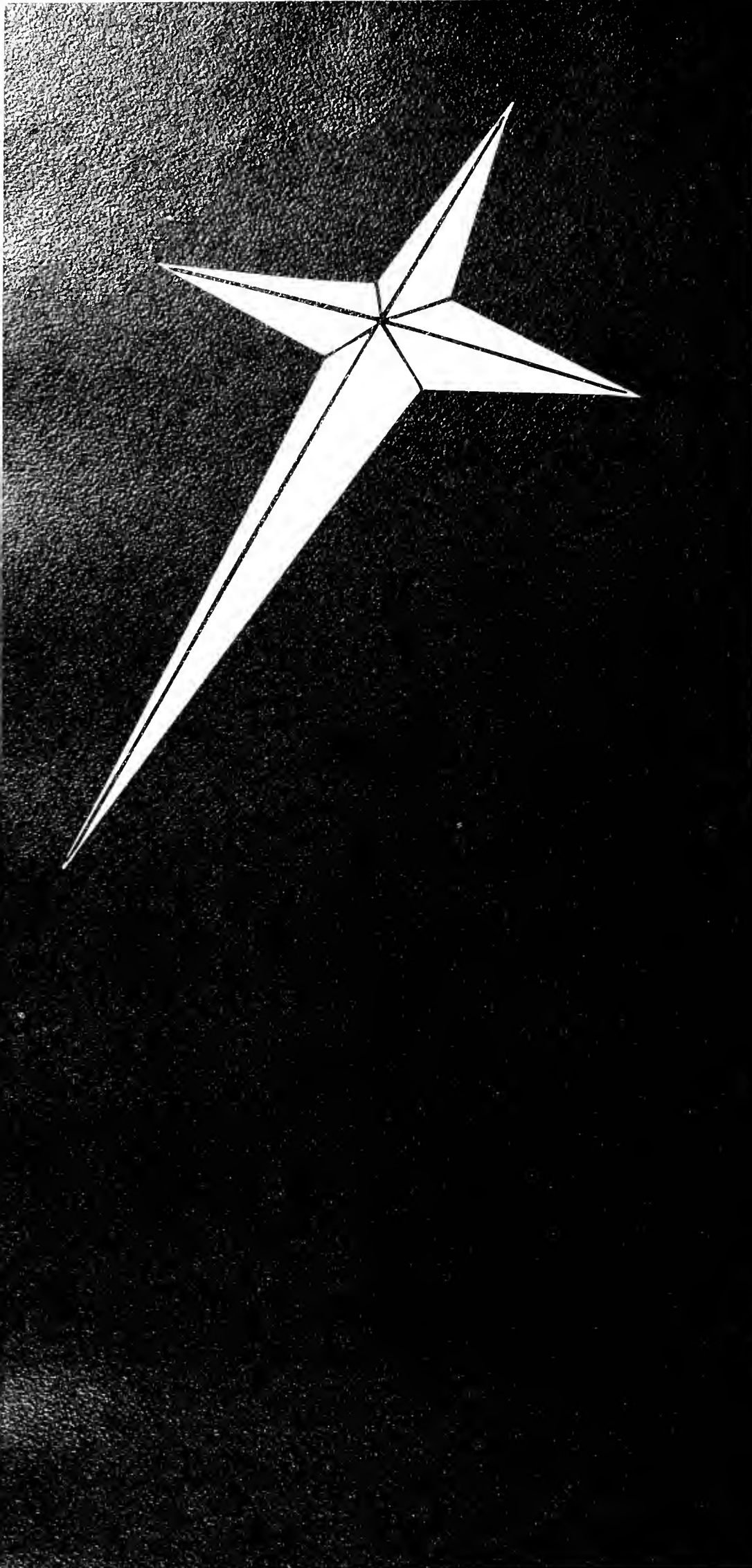
**Standing:** Pacina, Gene; Young, Andrew, M/Sgt; Foley, Poul; Holes, William; Flygare, Gordon; Peel, James; Guilmartin, John; Goodenough, Russell; Pemberton, Daniel; Rhodes, Harold; Trotogott, Peter; Merkel, Philip; Howe, Henry; Werrell, Kenneth.



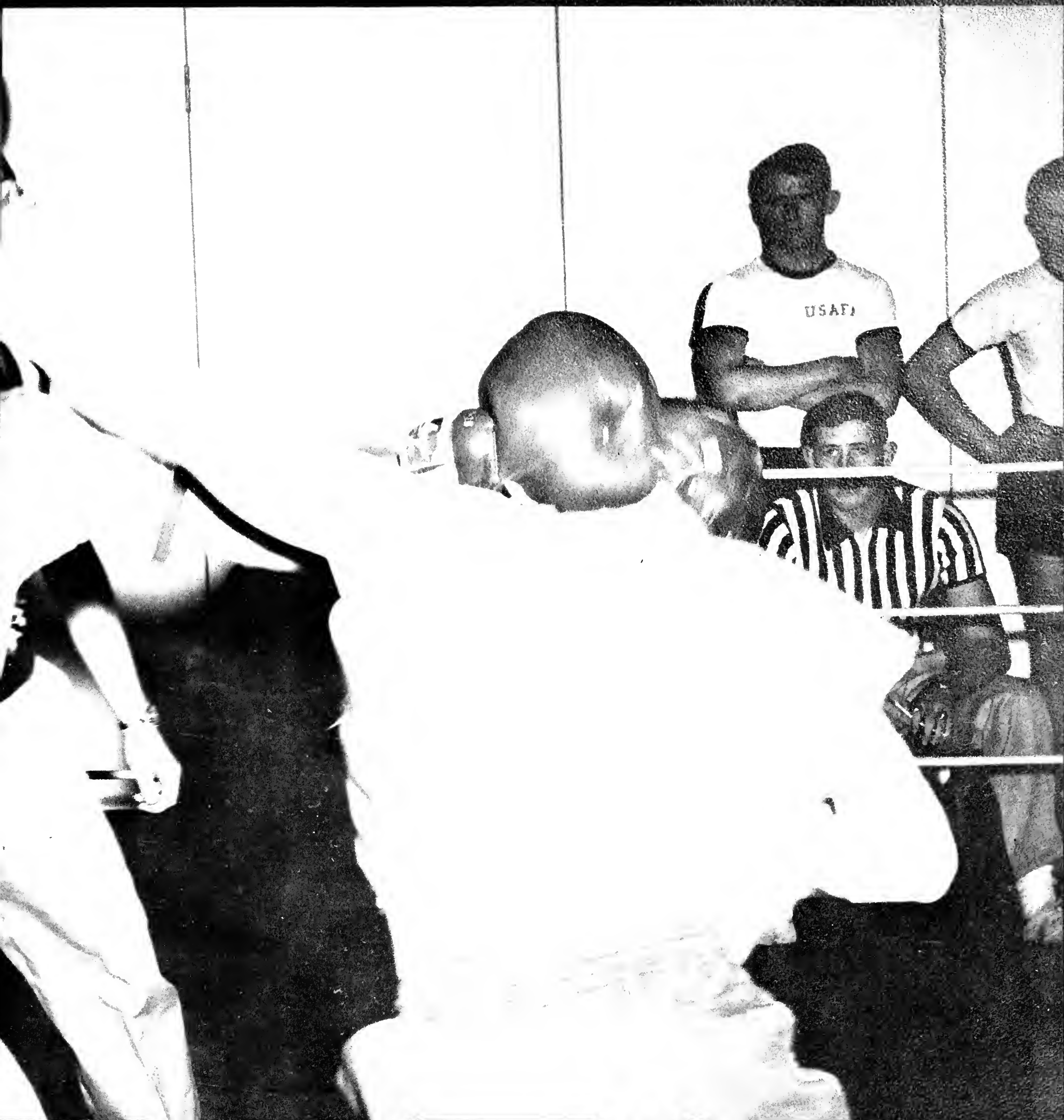




Looking back we can feel a great sense of accomplishment from the deeds recorded on the preceding pages. The teams we fielded in every sport did much to focus national attention on the Academy and also to establish a reputation for fairness and clean-playing, which we are sure future cadets will cherish as long as USAFA teams participate in intercollegiate sports.







## Intramural Sports



We definitely had a ball when we started this little scramble.

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If he survives—he's made a first down.

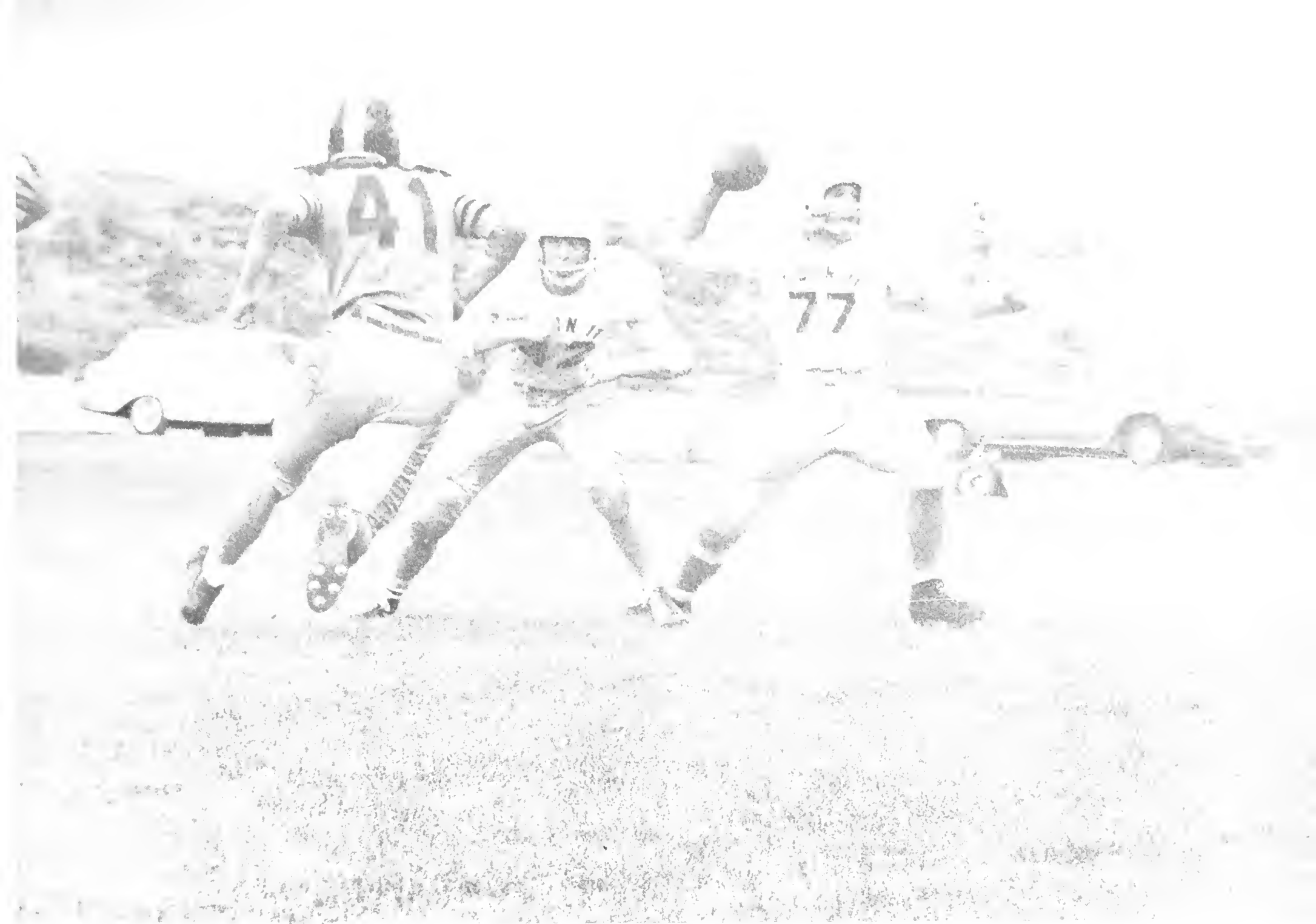
## Intramural Sports

We had no large crowds to fill the stands and cheer us on. In fact, we didn't even have the stands. Nevertheless, we fought to win in a league that was tough. One season on the Falcon Eleven would be followed closely by a season in an intramural rugby uniform. Each of us got to know the taste of blood and sweat mixed liberally with victory and defeat. MacArthur long ago explained the purpose: "On the fields of friendly strife are sown the seeds that on other days and other fields will bear the fruits of victory."

As the sun sank in the West—so did most of us.



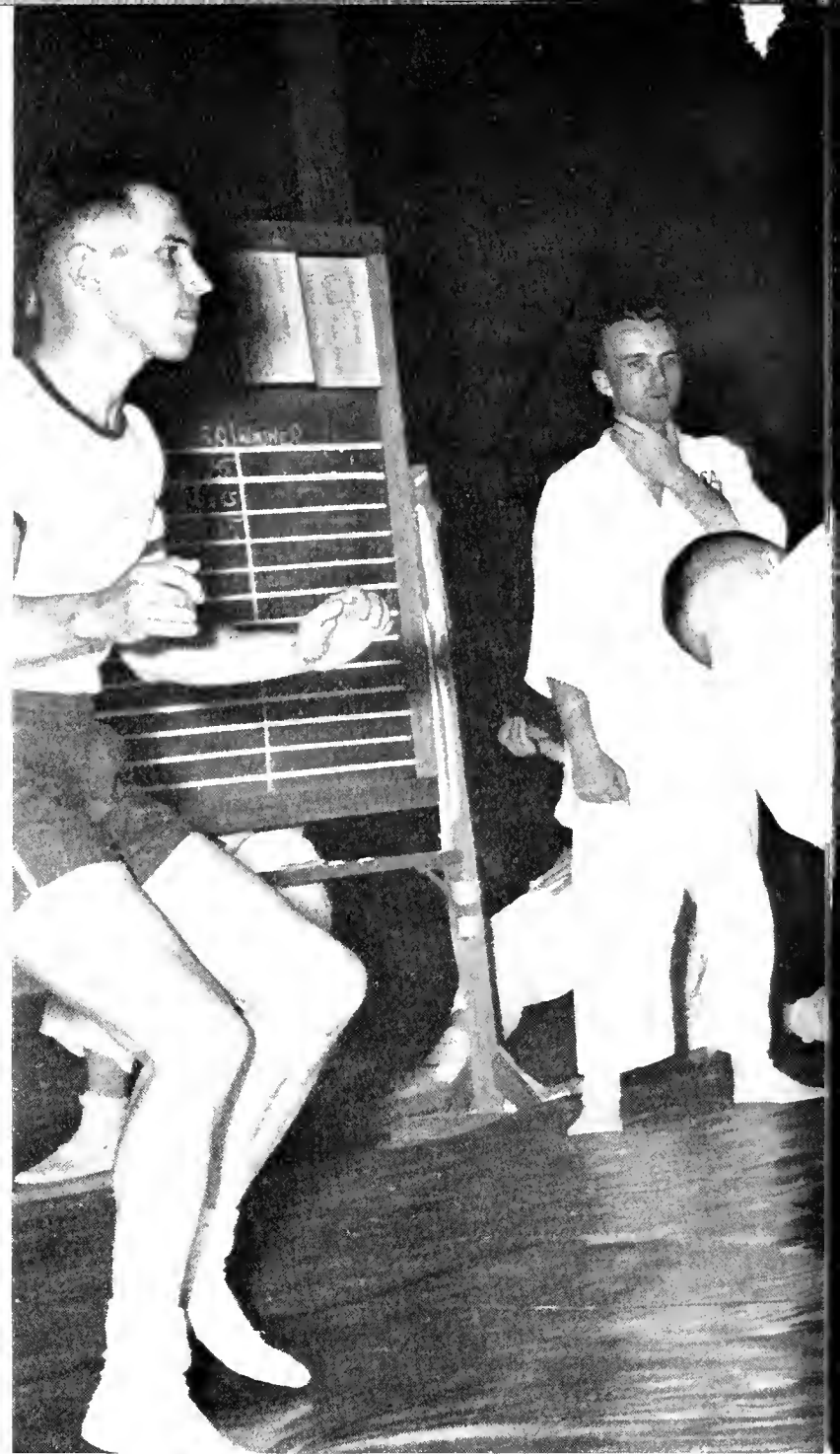
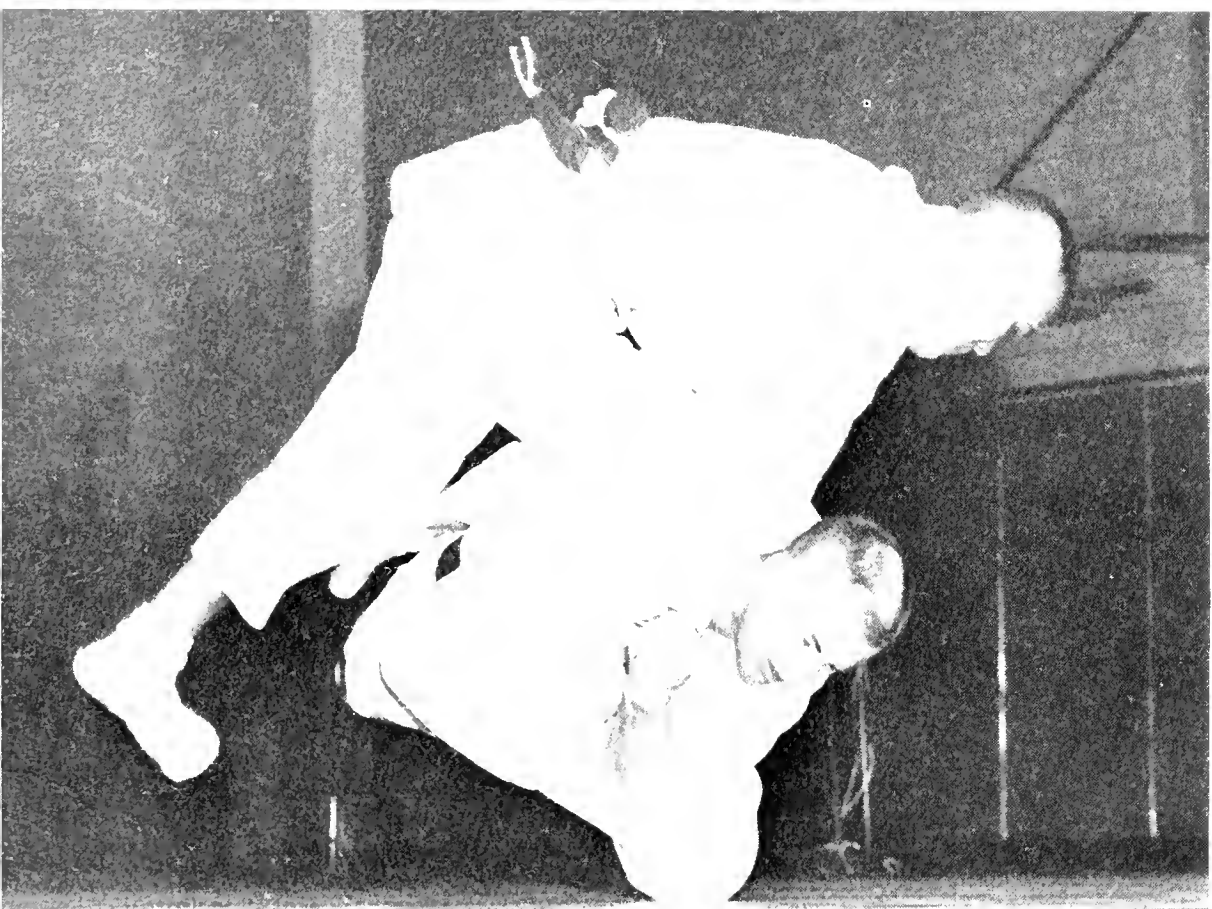




The Pro's could learn much from us. . .

Poise, Precision—and most of all—the ability to recuperate fast.





With style and eclat. . .



It's not haw you play. . .





We soon learned that . . .

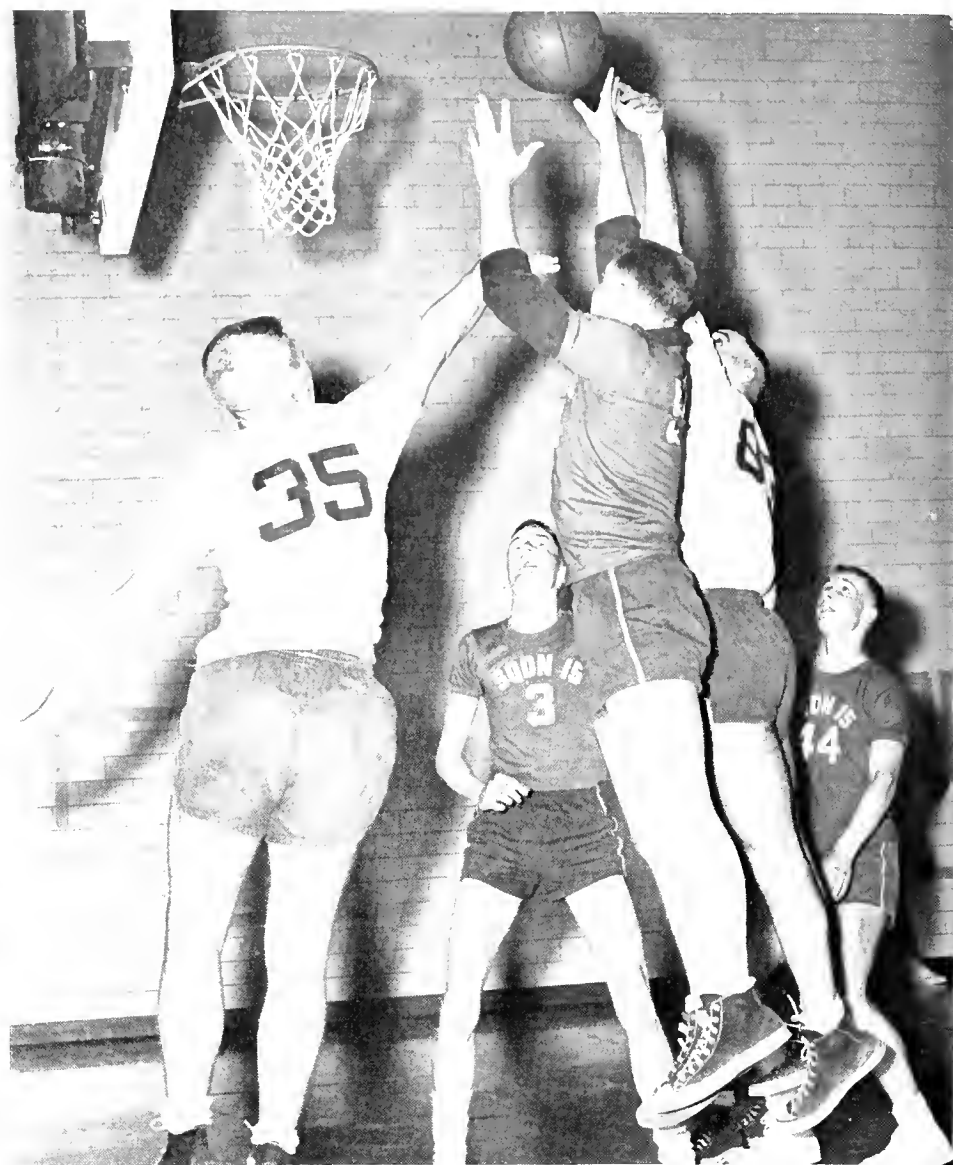


This silly game depends

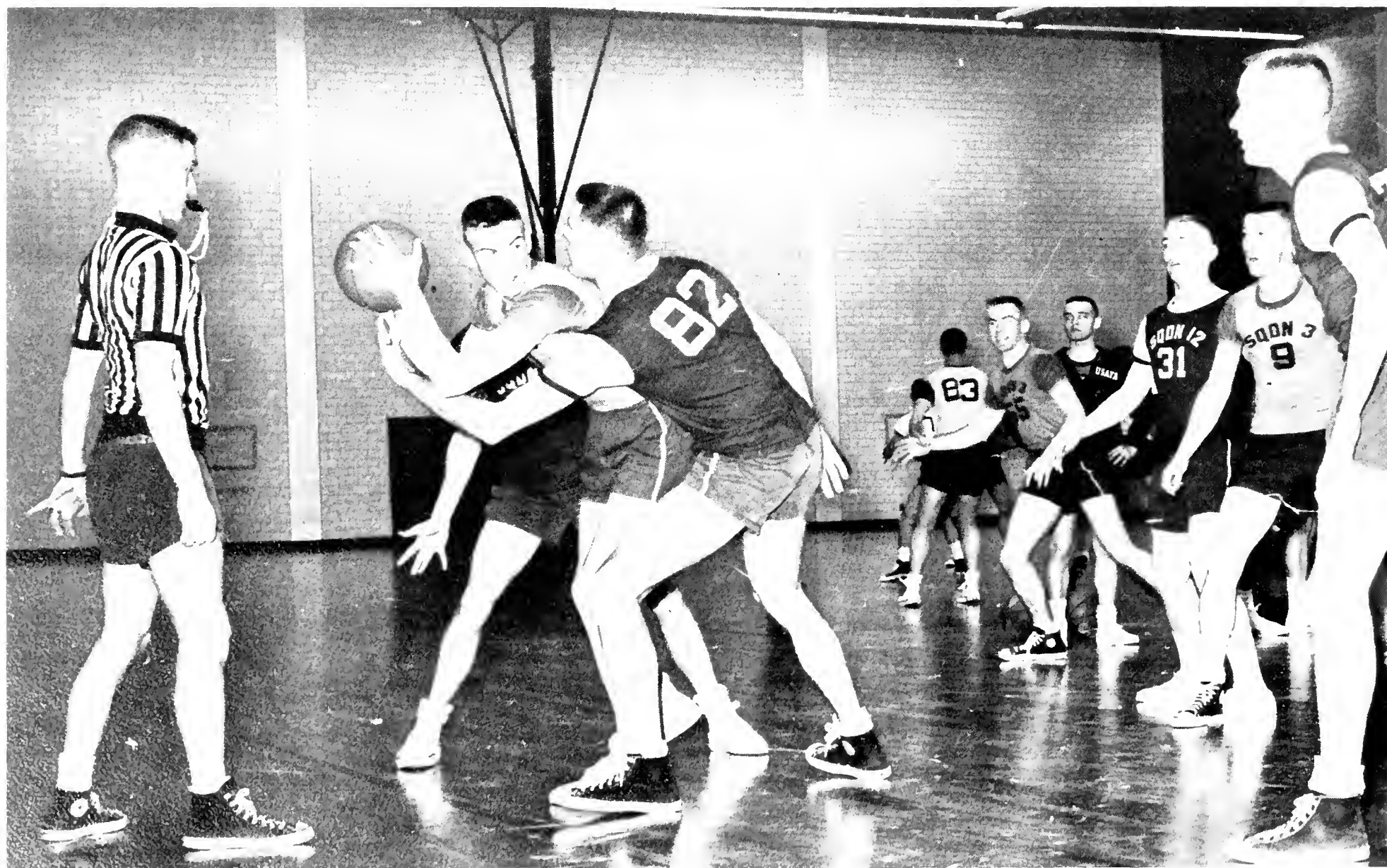


On how you hit the bloody mat.





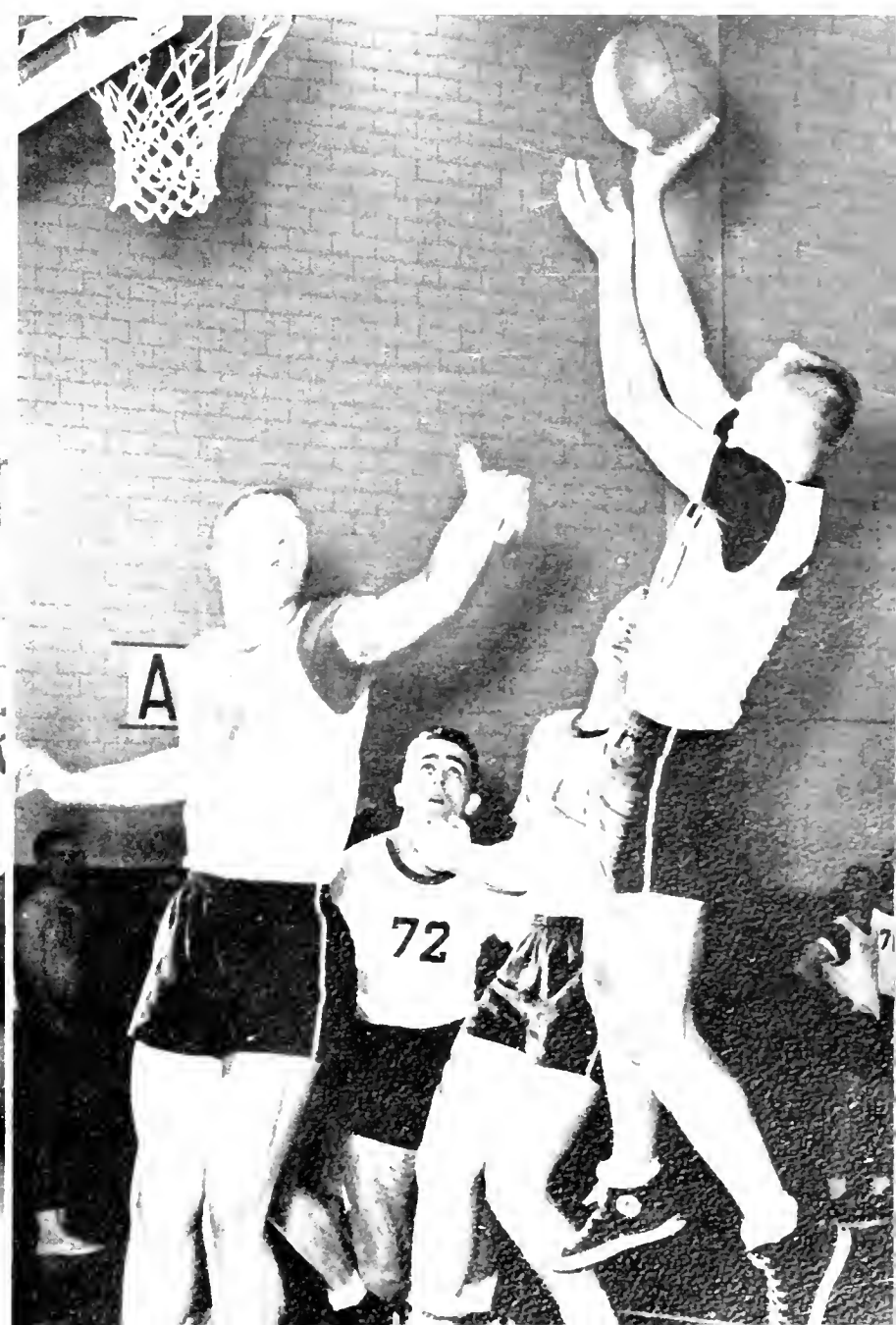
The elbow and knee circuit kept many of us occupied.







Our brand of basketball may not be polished—but it is energetic.

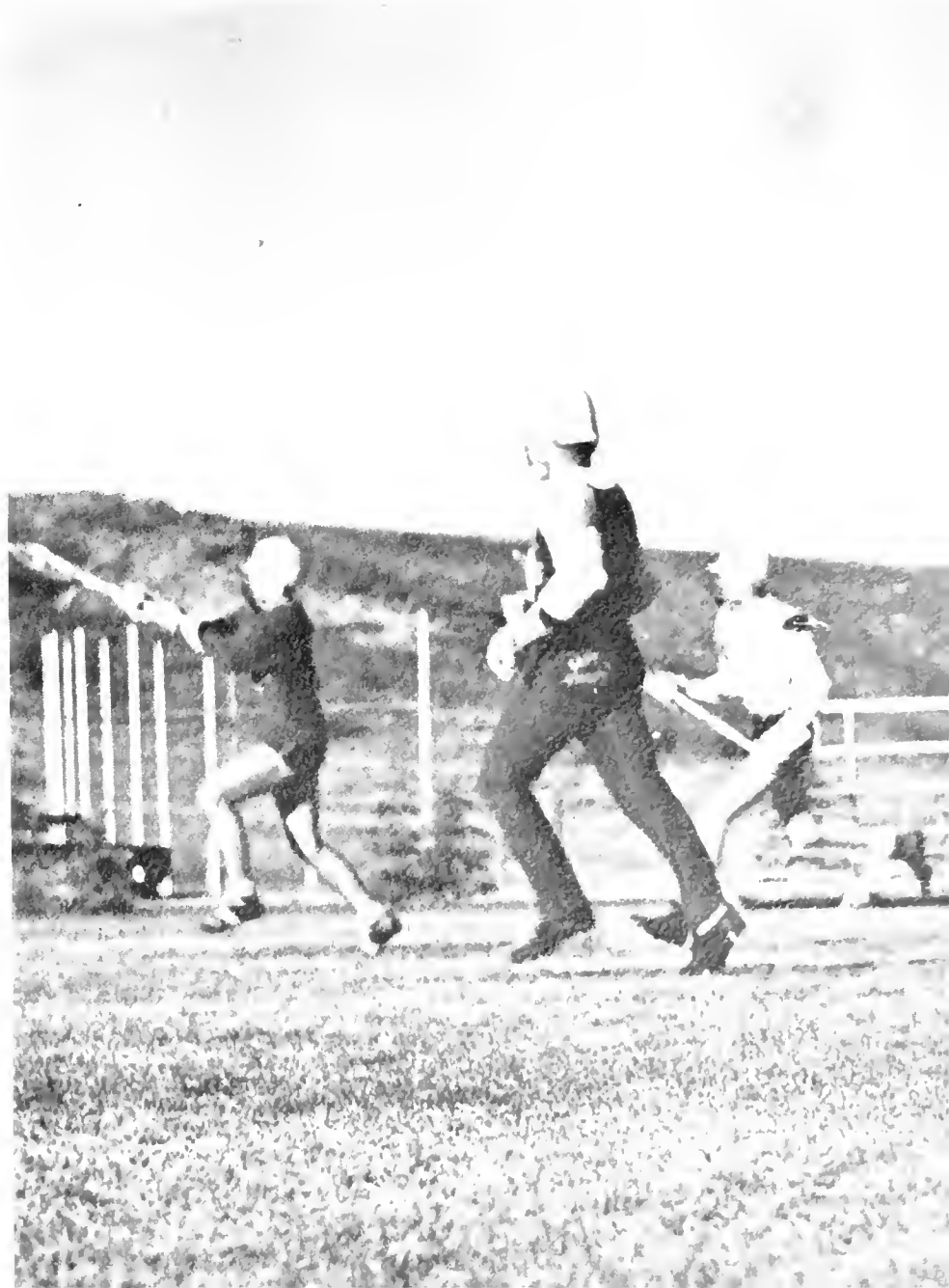




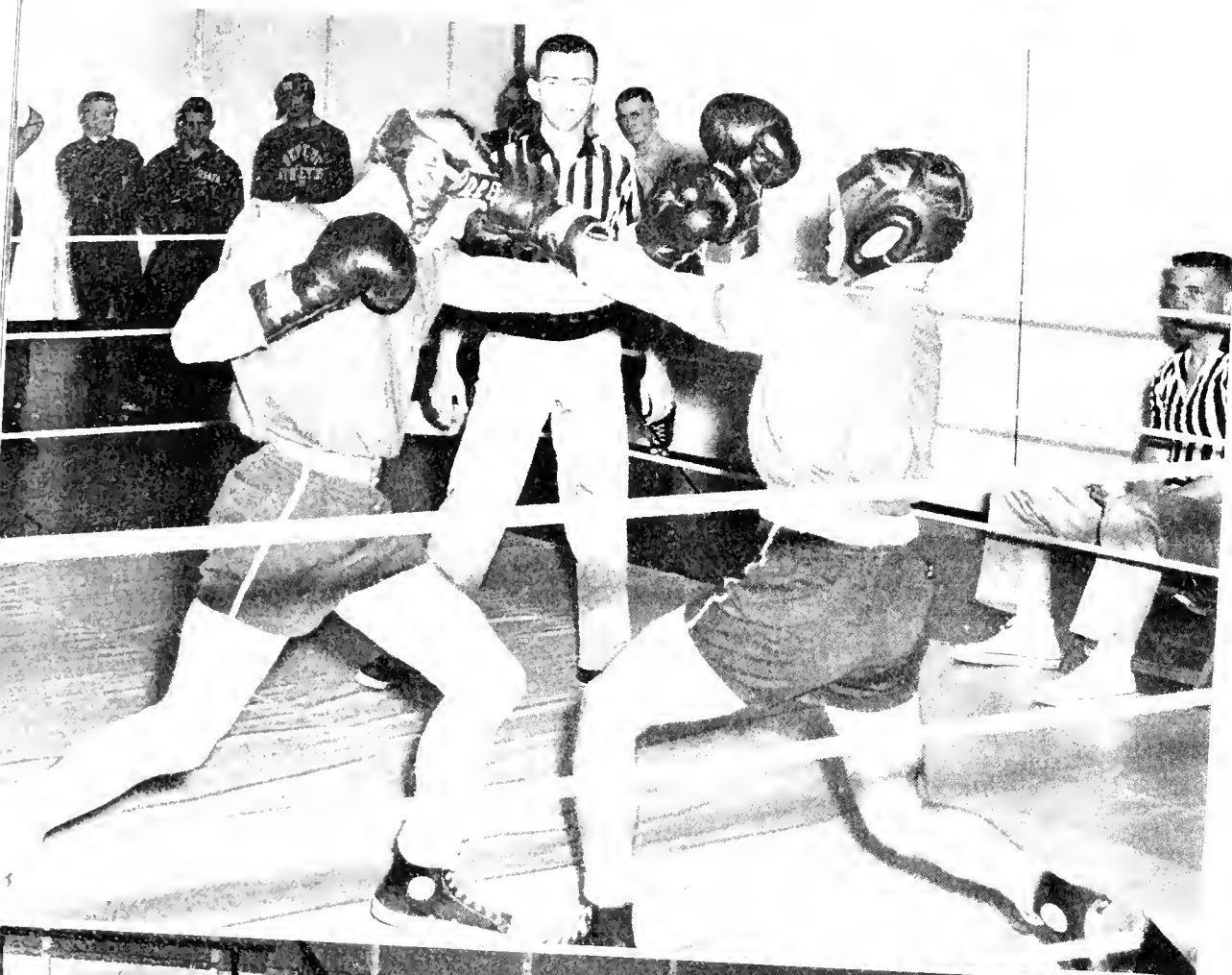
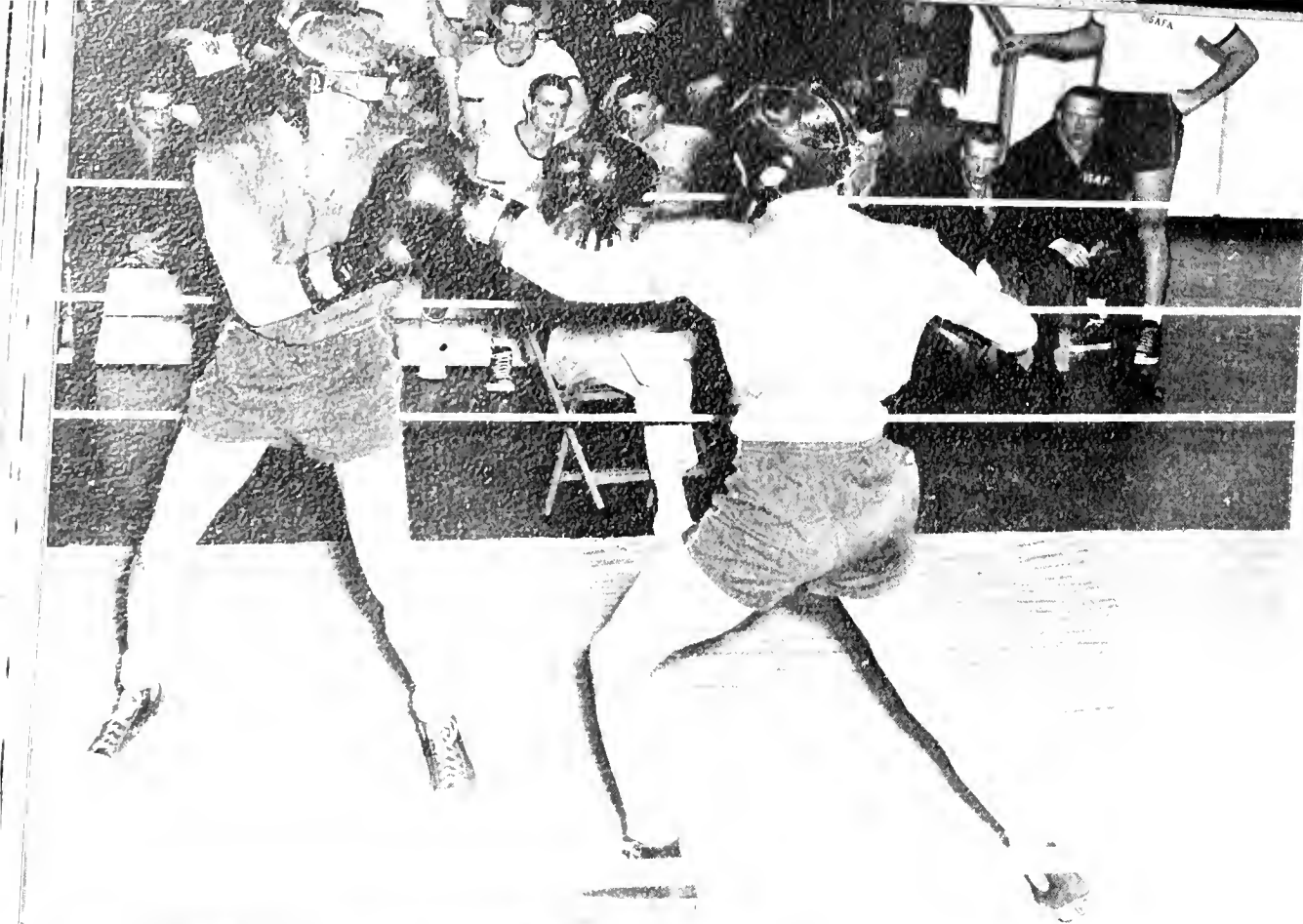




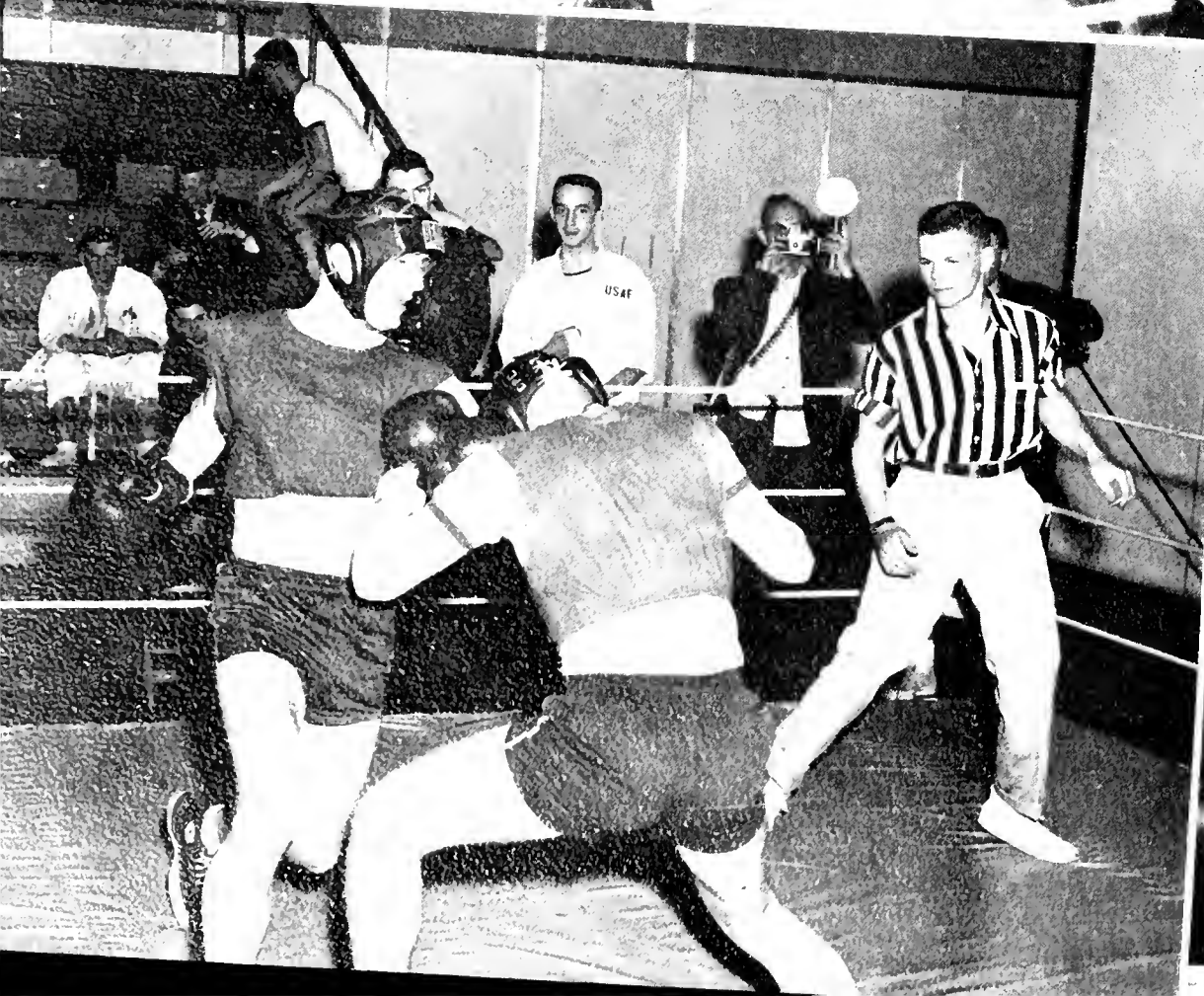
Ever throw a golf ball with a bushel basket?—That's lacross.



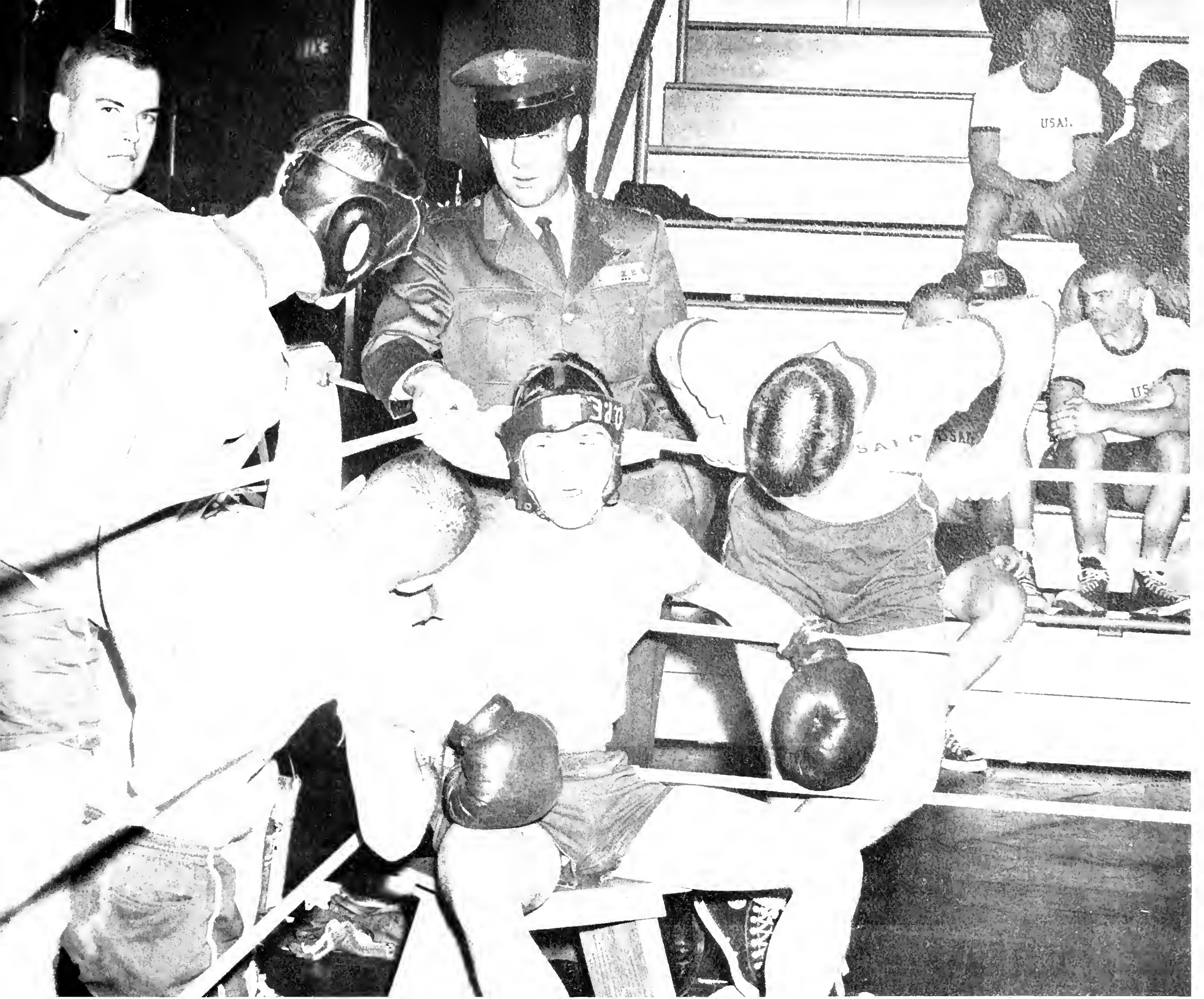




**The Manly Art:**





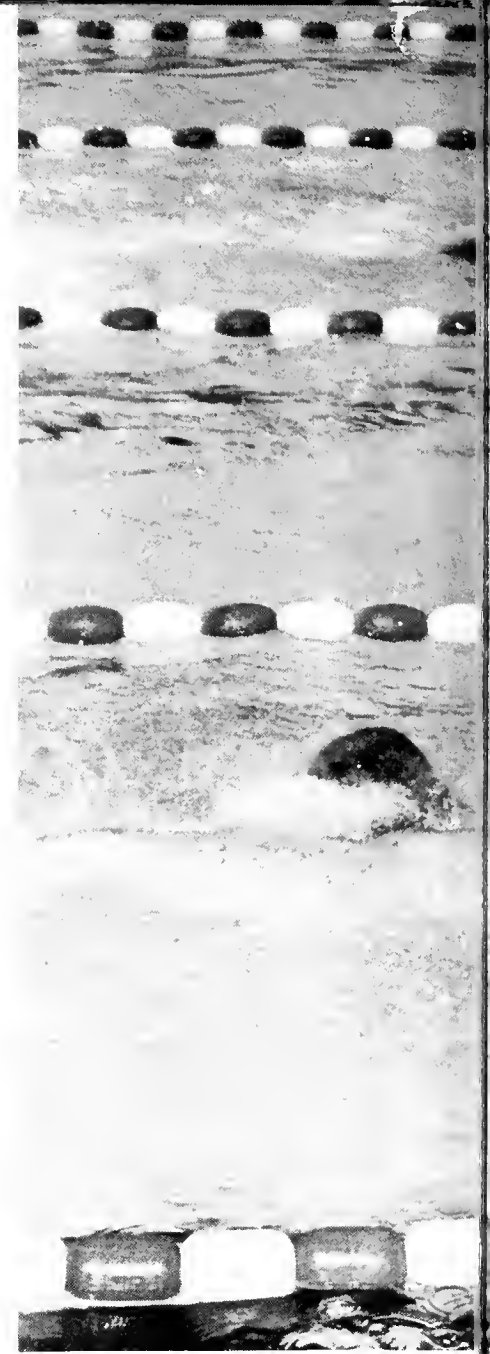
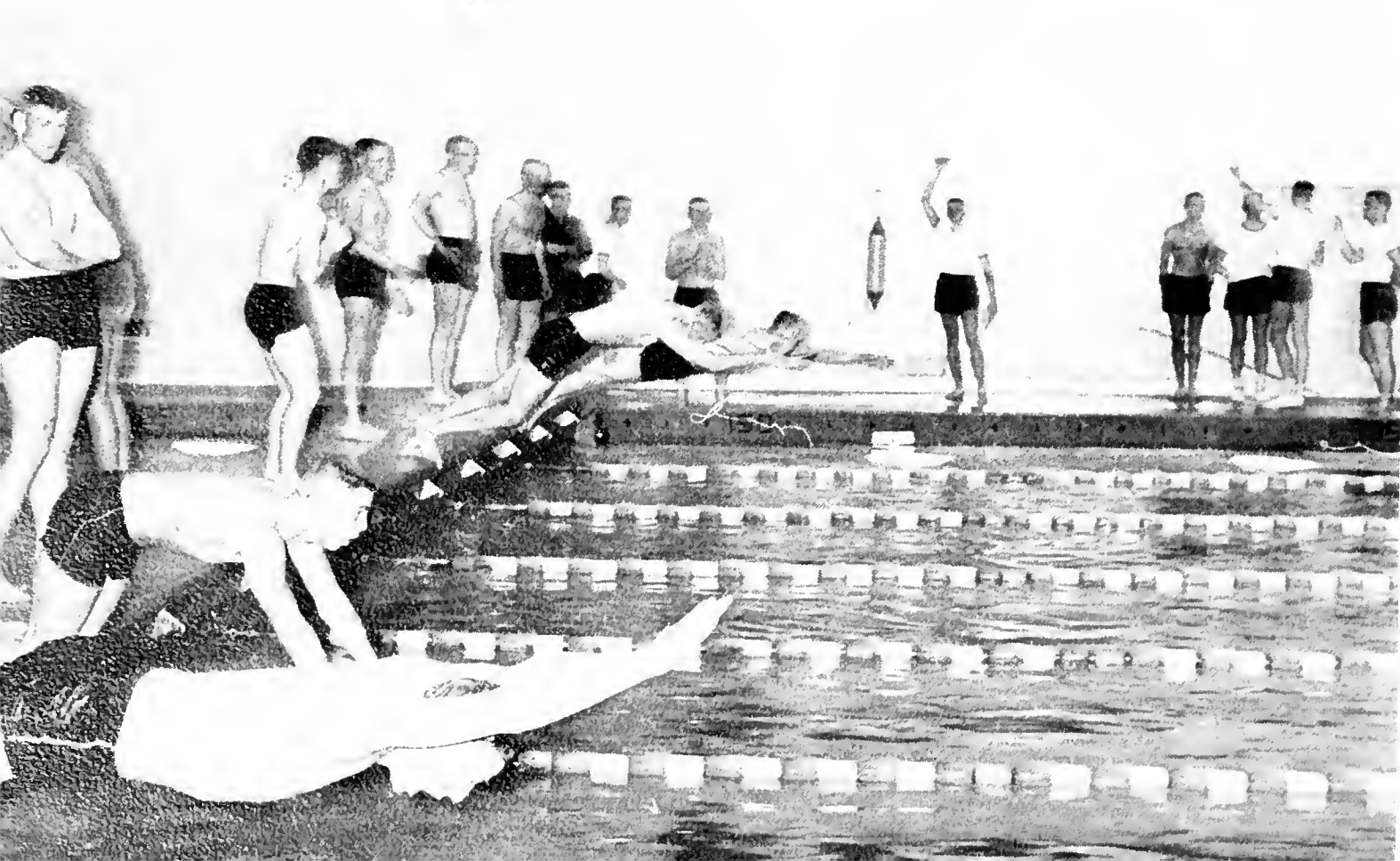
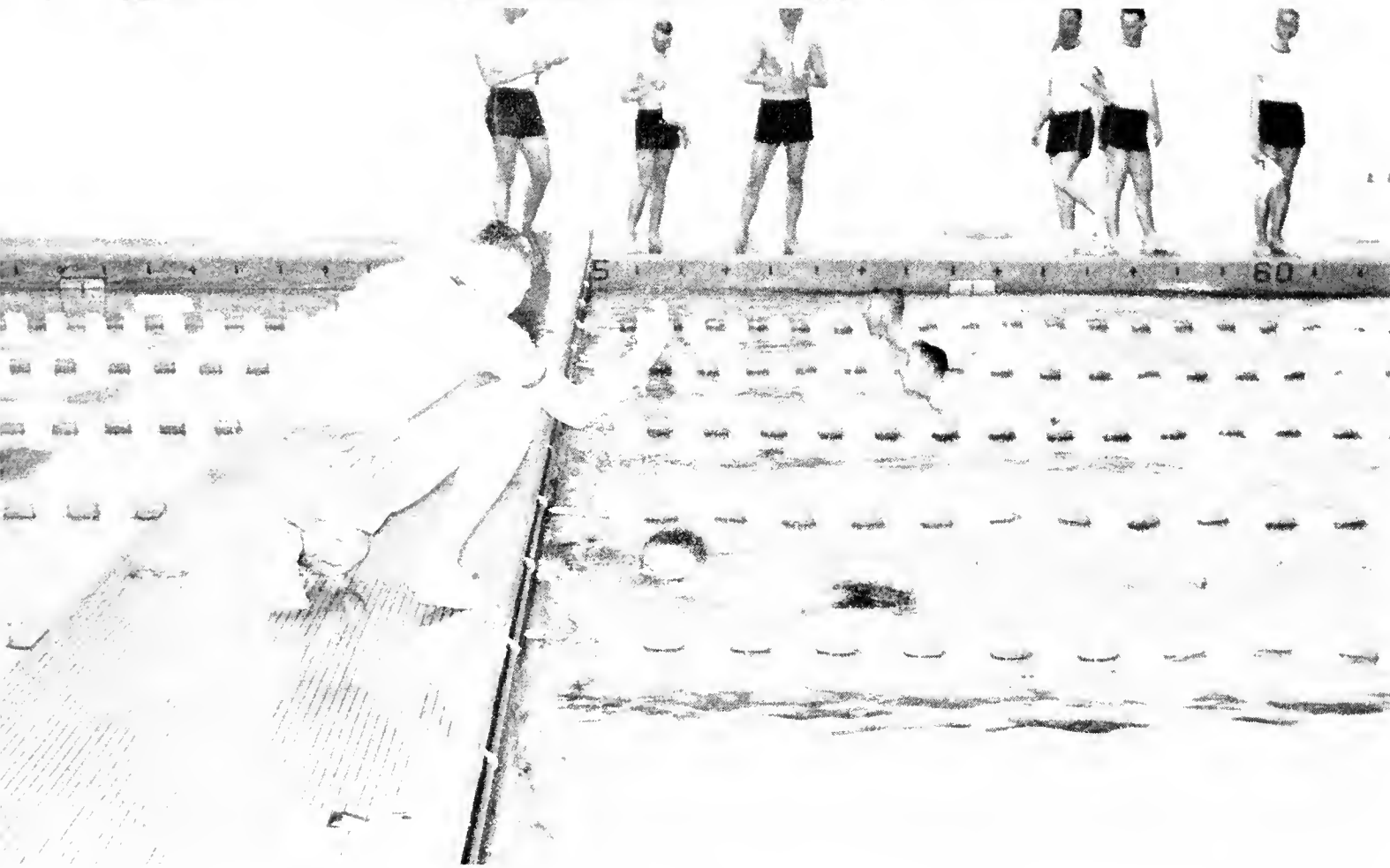


This was one reason we called it intermurder.

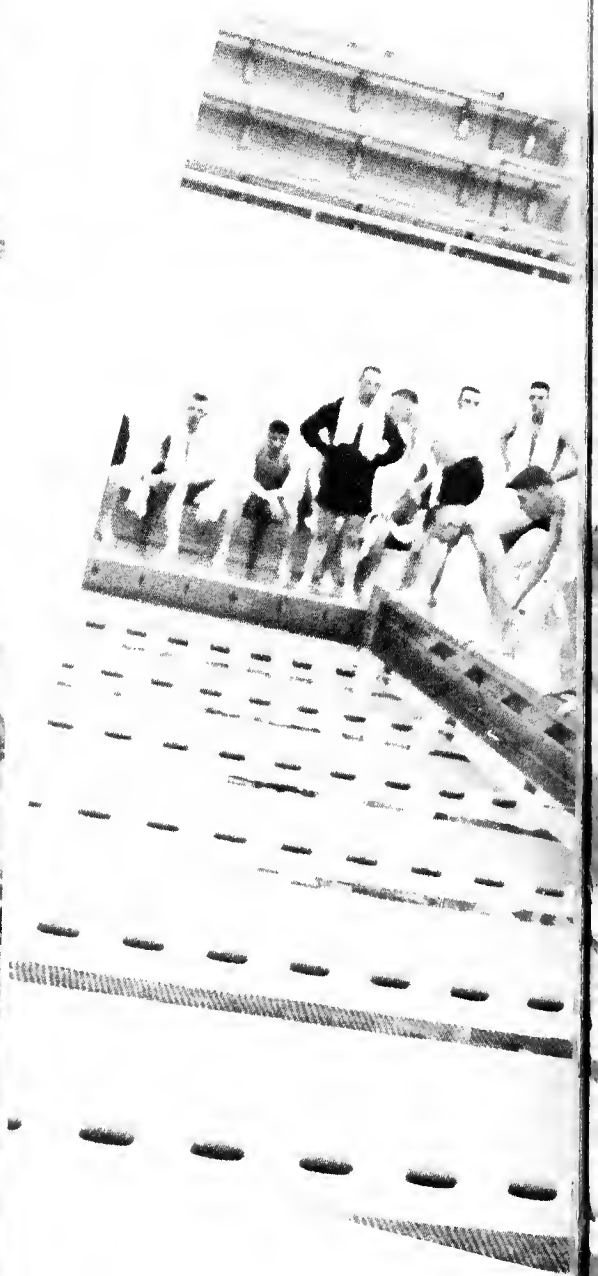
267







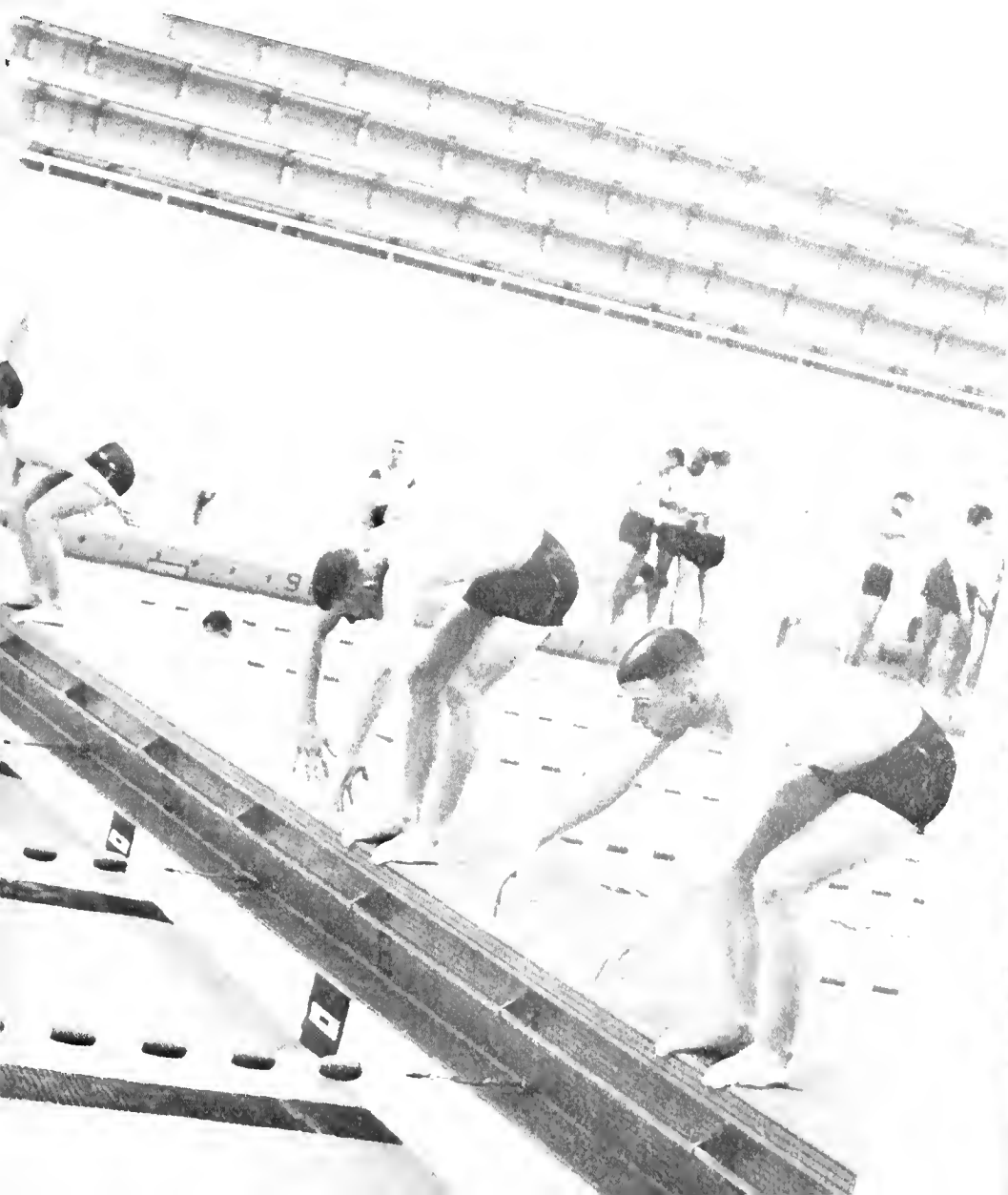
Sometimes We

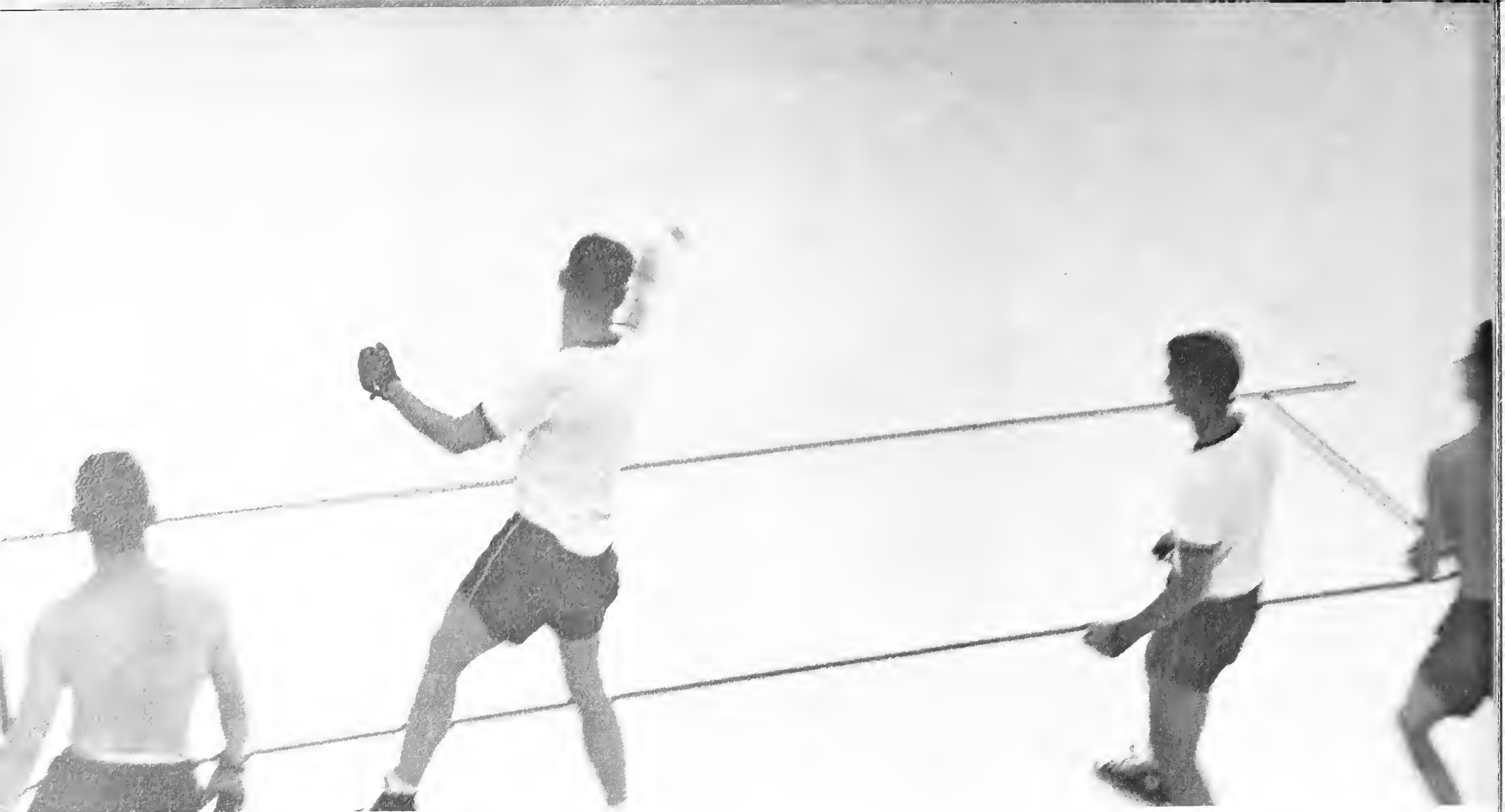






Resembled Frustrated Sailors





## Handball --

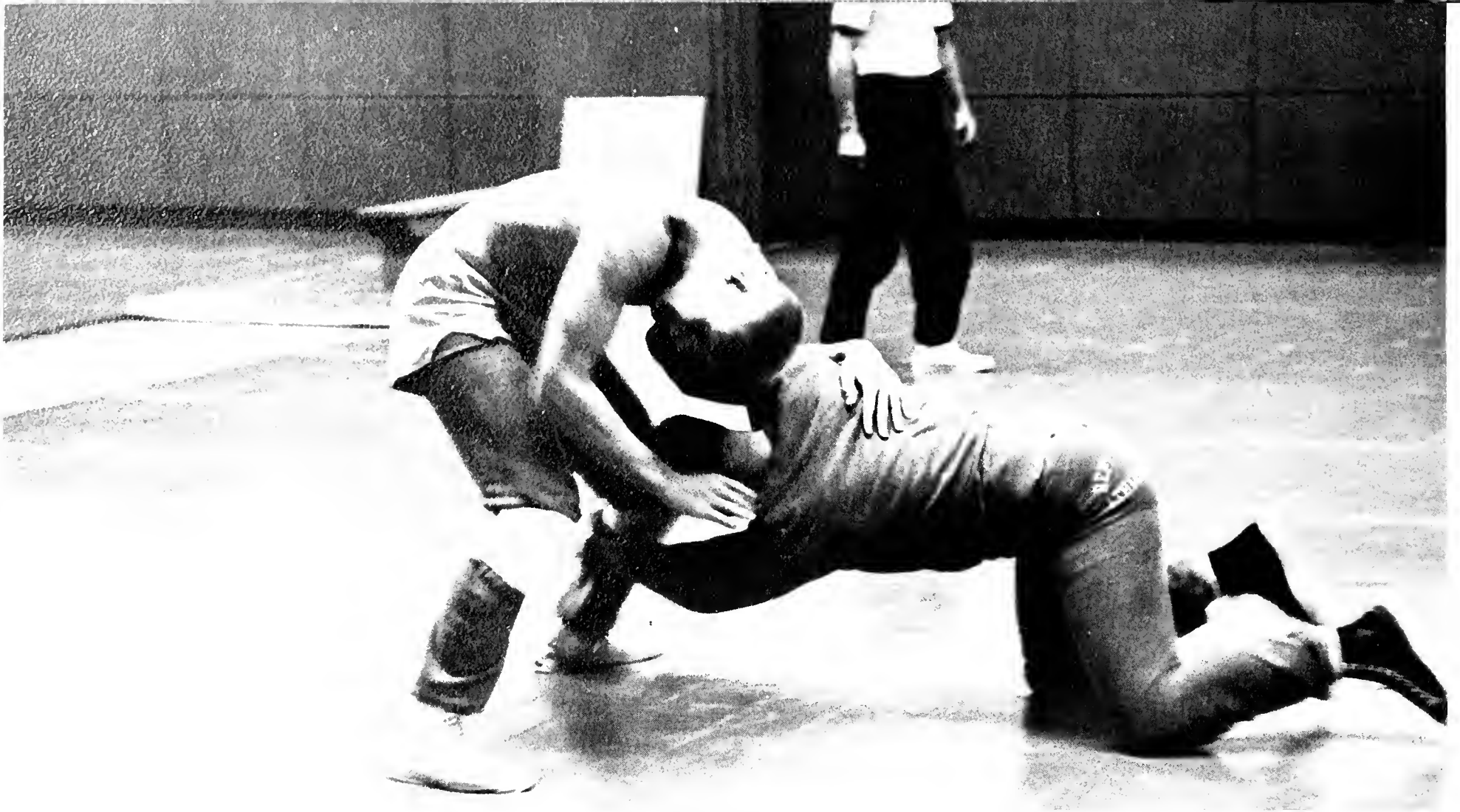




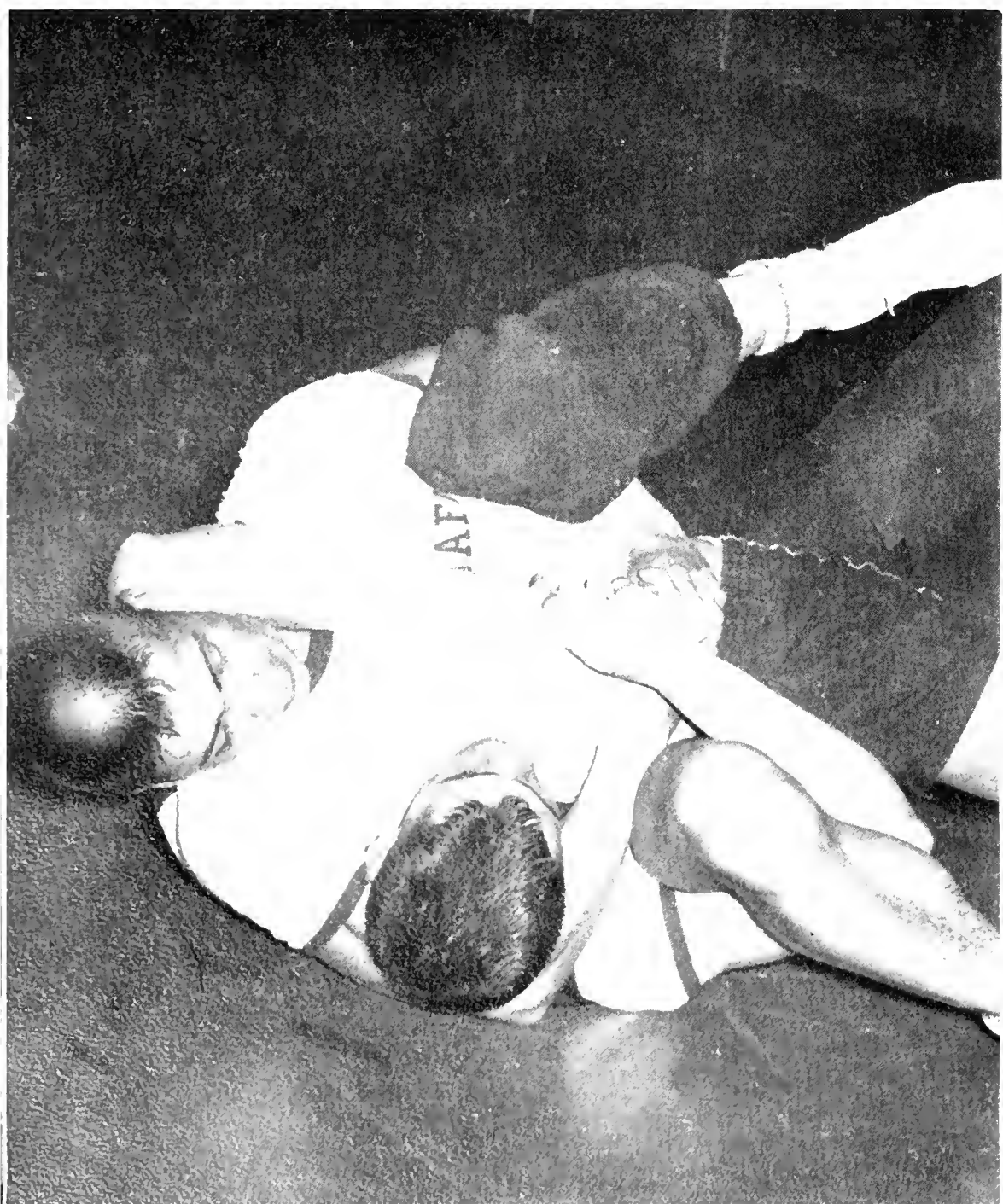


Great Developer of Paise, Agility ond Vocabulary





The Groans on This Circuit Were For Real







Squash—Handball With an Added Weapon.





## Rugged Rugby



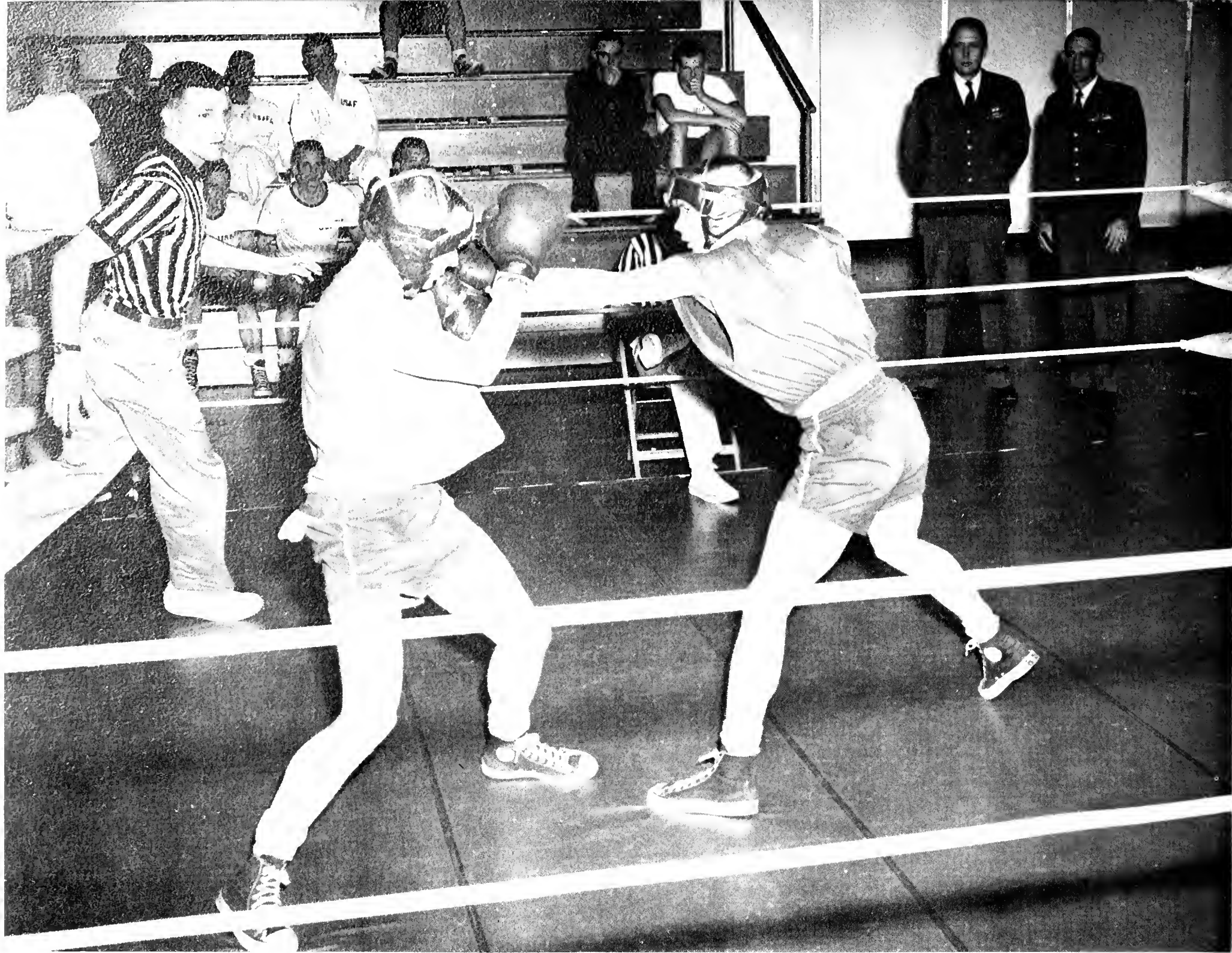




Rumples Red-Tags (Also Blue, Yellow and Gray).

















## Social Life





Our Date Bureau Worked







Wonders . . . .









Mrs. Mac's  
Soirees  
Were The Most.







Even our fledgling







Falcons entered the mad social whirl.



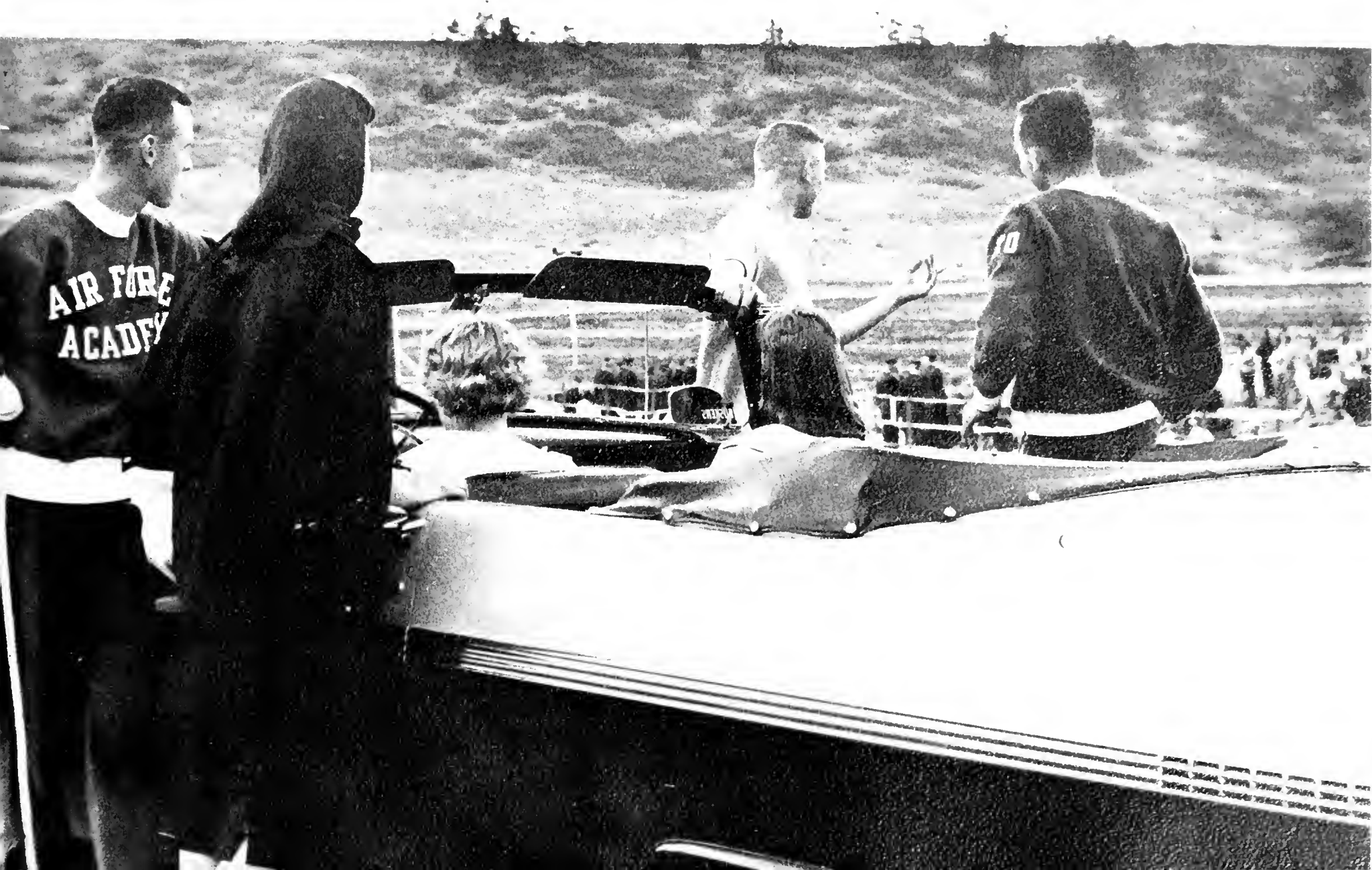






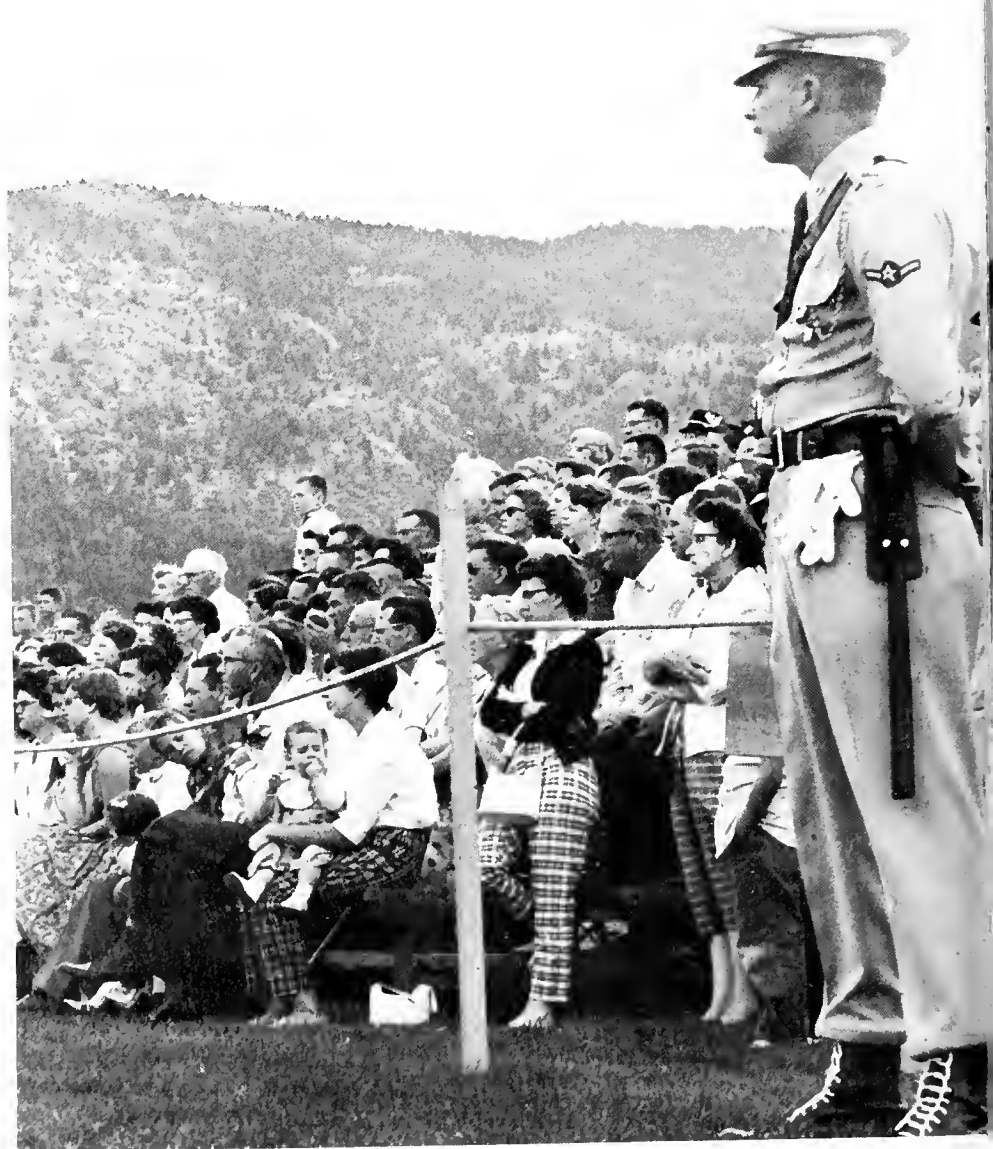


Then there were the ever-welcome weekends .





They came; they saw; they were impressed.















What's a Reception  
Without a Receiving Line?







Four years of memories . . .







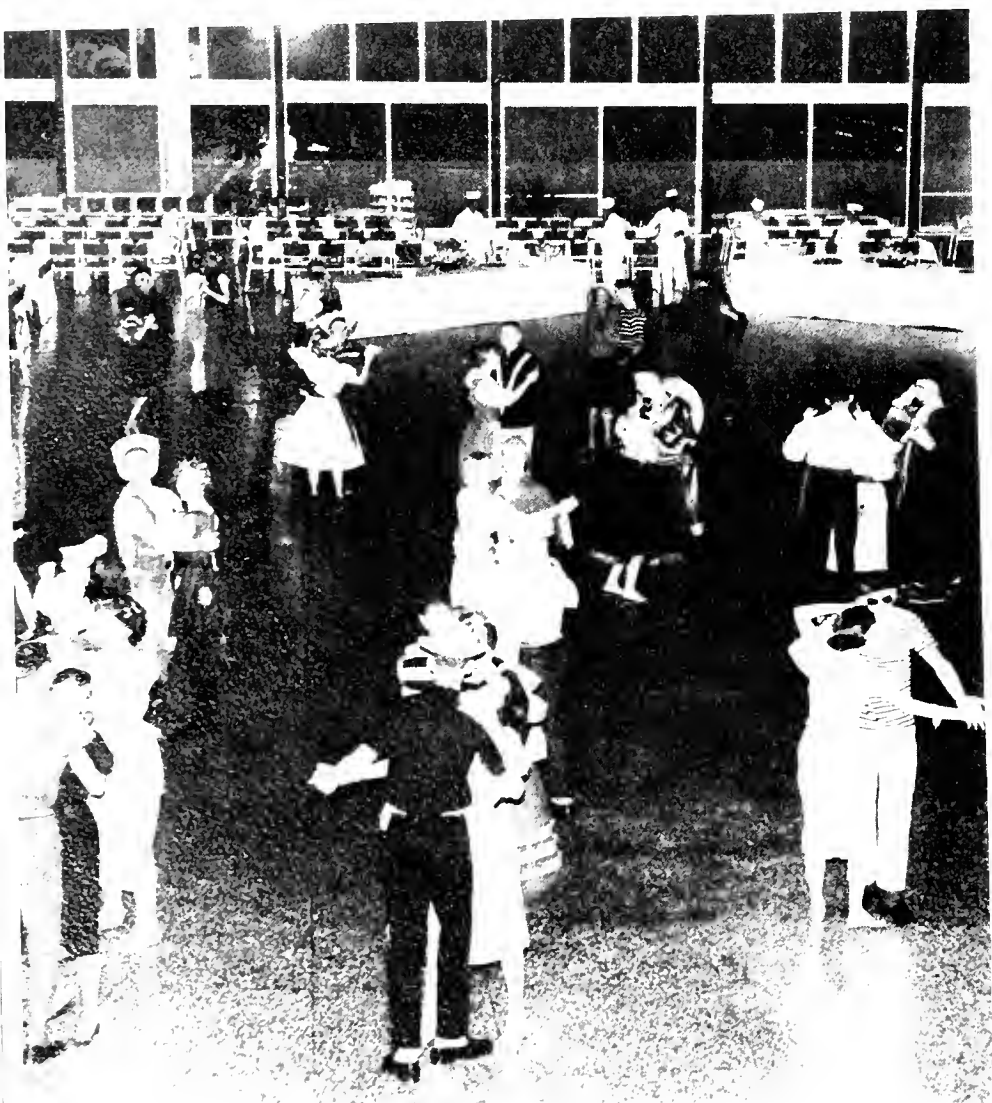
Receptions, Formals and just plain Dances.







Who can ever forget socializing at Ocamo,







Lowry, C-Springs, London, Berlin; even Arnold Hall?

















**Cadet Activities**

# Honor Representatives

Chairman — STEVENS  
Officer-in-Charge — COL. L. T. SEITH



**Front Row, Left to Right:** Curry, Meyer, Brost, Deep, Long, Coskey, Worock, Walsh. **Back Row:** Jonsen, Thurmon, Stevens, Elseo, Head, Lent.



**Front Row, Left to Right:** Kornouski, Komarnitski, Thuerer, Anderson. **Back Row:** Sonzenbocher, Schutt, Wolcott, Croll, Woodbury, Likens, Moson.

## THE CADET HONOR CODE

The Cadet Honor Code states: "We will not lie, steal, or cheat, not tolerate among us anyone who does." The purpose of the Code is to create within the cadet a habit or second nature of honor so that he will become an officer of unquestionable honesty, integrity, dependability, and trust.



# Class

## 1960

Officer In Charge  
COL. L. T. SEITH

Shepard, R. B.  
Van Singel, G. L.  
Hardison, J. H. Jr.  
Guillot, A. E. Jr.  
Gulbransen, G. G.  
Davis, R. C.  
Thomasson, J. H.  
Yoakum, V. E.  
Love, M. V.  
Jolly, W. R.  
Sheets, G. D.  
Newson, R. J. Jr.  
Folkart, C. S. Jr.  
Kaley, B. G.

# Committees

## 1961

Officer In Charge  
MAJ. E. L. MARCUM

Anderson, M. A.  
Carson, C. G.  
Hinton, P. D.  
McCarter, D. E.  
Mayo, J. R.  
Miller, R. E.  
Nolde, G. T.  
Owens, T. P.  
Payne, J. G.  
Skilling, T. G.  
Smith, R. D.  
Stover, J. M.  
Wilhelm, J. E.  
Williams, W. T.  
Wilson, T. W. C.  
Worhman, F. R.

## 1962

Officer In Charge  
LT. COL. H. M. HENNINGTON

Duvall, R. W.  
Eckel, G. M.  
Niemi, N. N.  
Klass, R. L.  
Shepperd, D. W.  
Wilson, G. S.  
Lightsey, R. H.  
Johnson, R. K.  
Major, M. G.  
Jefferson, W. T. A.  
Harwick, A. H. C.

## 1963

Officer In Charge  
LT. COL. M. L. BOSWELL

Bohlin, E.  
Bush, C. V.  
Butterfield, D. H.  
Deilke, R. W.  
Deberry, D. L.  
Diffendorfer, J. H.  
Flynn, J. W.  
Gude, F. K.  
Harley, W. M.  
King, F. D.  
Lee, R. M.  
Musselwhite, G. E.  
Parma, W. H.  
Roth, M. J. C.  
Sims, R. B.

# Dance Committee

CAPT. D. M. MULLANEY  
Officer-in-Charge

## 1960

Gillis, W. A.  
Cler, A. J.  
Thompson, C. H.  
Burke, T.  
Hobgood, L. A.  
Furuta, B. T.  
Seebode, T.  
Congdon, N. B.  
Mason, J.  
Luck, G. E.  
Gurley, S. E.  
Holt, S.  
Schwank, J. C.  
Zersen, W. F. H.  
Waters, S. E.  
Mosier, B. M.

## 1961

Bright, J. W. L.  
Hill, T. S.  
Scott, V. D.  
Jones, B. C.  
Shewmaker, L. A.  
Apodaca, V. S.  
Mac Aulay, K. W.  
Jardine, J. R.  
Wofell, T.  
Bodenhamer, H.  
Conover, C. D.  
Willis, B. G.  
Dean, C. R.  
Wagner, R. R.  
Poole, J. C.  
Fairlamb, R. C.

## 1962

Banford, A. J.  
Bumen, R.  
Rentenbach, T. M.  
Brown, C.  
Nickel, T.  
Seibert, N. F.  
Carroll, H. K.  
Mac Lennan, J.  
Hogan, W.  
Loyacono, P.  
Reed, W. H.  
Young, J. J.  
Hopkins, R. S.  
Baucom, D. R.  
Patton, R.  
d'Aquin, J. J.

## 1963

Fausey, J.  
Sutton, S.  
Parker, C.  
Keeman, B.  
Brown, D.  
Horton, H. T.  
Wetherington, B.  
Davis, J. J.  
West, M.  
Rohatch, R. R.  
Jones, R.  
Corey, B.  
Caruana, P.  
Meier, B. W.  
Smith, E.  
Ritchie, W. J.

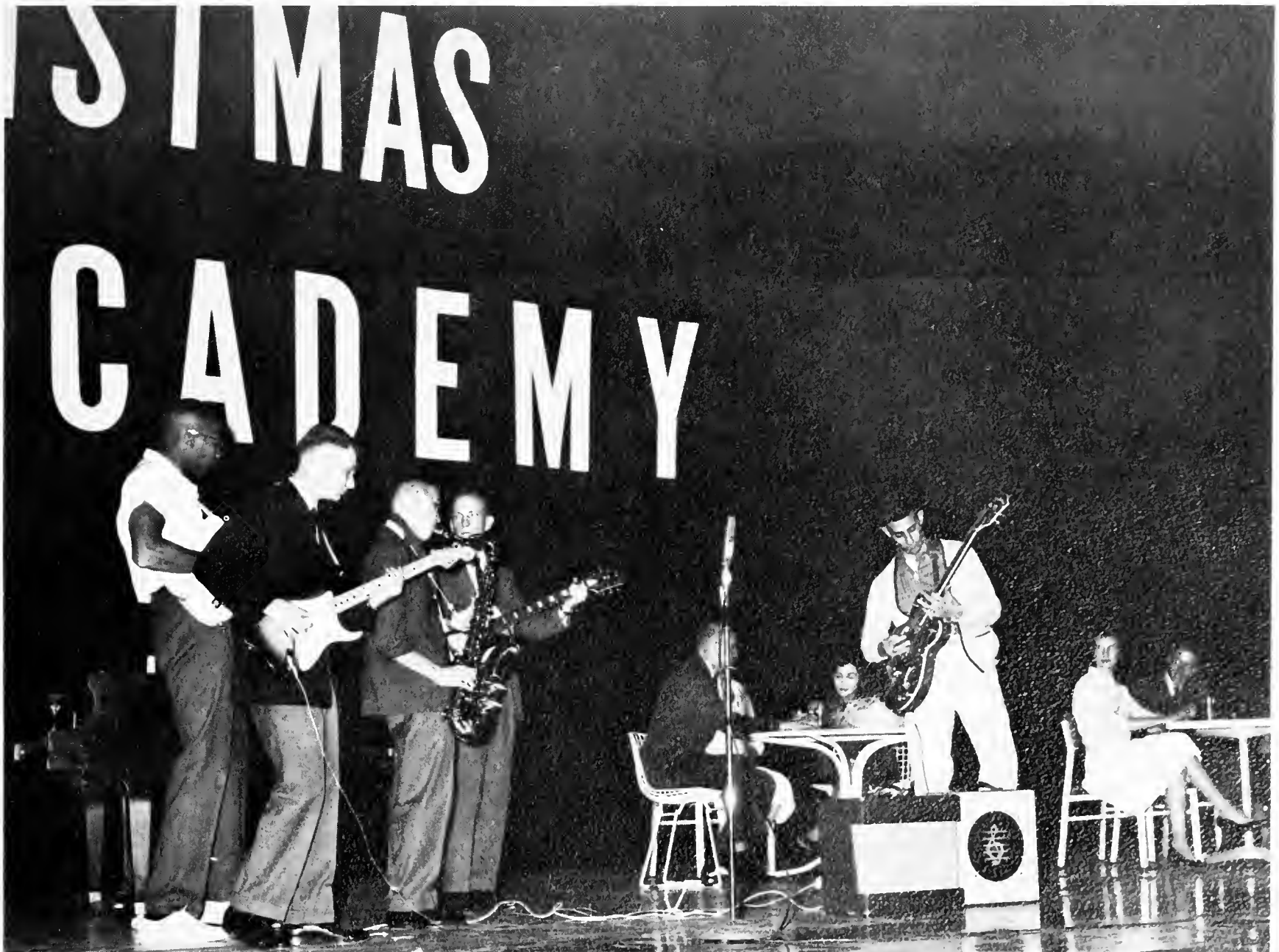


# Entertainment Committee

MAJOR G. E. HAIRSTON  
Officer-in-Charge

Gillis, W. A.  
Pacina, G. C.  
Miller, D. F.  
MacFarlane, W. L.  
Johnson, L. C.  
Holland, G. F.  
Waugh, G. R.  
Smith, J. L.  
Palazzolo, J. W.  
Georgi, C. D.  
Jamba, J. W.  
Keenan, W. V.  
McCain, C. M.  
Rieselman, L. F.  
Martines, J.  
Haney, D. J.  
Whalen, W. W.  
Porter, W. R. C.  
Boutz, J. F.  
Scauzilio, R. J.  
Hammelburger  
Congdon, N. B.  
Smith, F. K.  
Arbogast, T. D.

Richert, M. E.  
Dinsmore, J. C.  
Cooper, R. R.  
Karschnick, G. L.  
Duke, R. H.  
Rector, J. C.  
Stack, G. T.  
Wilson, G. M.  
Nehring, J. A.  
Macartney, J. D.  
Roe, D. H.  
Deberry, D. L.  
Miller, R. E.  
Daniel, L. E.  
Ognibene, P. J.  
Cooke, P. A.  
Poley, P. F.  
Schulze, W. C.  
Sweeney, W. C.  
Fullerton, R. A.  
Prenez, J. E.  
Luce, D. B.  
Broughton, R. E.  
Hoffmen, H. D.



# Rally Committee

CAPT. R. G. CARNRIGHT  
Officer-in-Charge

Alnwick, K. J.  
Matthews, R. T.  
Almanzar, D. H.  
Stackhouse, J. E.  
Trotogott, P. H.  
Boyington, G. Jr.  
Lebel, H. F.  
Milnes, R. C.  
Bradstreet, F. E.  
Larson, C. A.  
Rager, R. G.  
Lalime, T. R.  
Negroni, H. A.  
Rhoades, T. S.  
Fries, G. J. C.  
Sell, R. H.  
Sands, C. D.  
Folkart, C. S. Jr.





# Ring and Crest Committee

## 1961

Bennett, S. D.  
Chiappino, L. J.  
Dickson, J.  
Haslouer, W.  
Hull, M. H.  
O'Connor, P. B.  
Schneider, L. G.  
Scott, H. L.  
Stringer, R.  
Thomas, C. G.  
Utendorf, A. E.  
White, R. P.

MAJOR W. A. PATCH  
Officer-in-Charge

## 1962

CAPT. P. E. MCGILL  
Officer-in-Charge

Urban, F. R.  
Heacox, D. J.  
Baughman, G. L.  
Vaughn, D. K.  
Connolly, R. J.  
Qualey, J. P.  
Ryan, P. C.  
Thompson, G. M.  
Bifolchi, G. J.  
Searl, C. W.  
Hodgkinson, R. L.  
Butchko, M. J.  
Tomlin, T. N.  
Larson, G. W.  
Mack, J. E.  
Rokke, E. J.

# Polaris Staff

Officer In Charge . . . . .	CAPT. G. L. RULE
Asst. OIC . . . . .	CAPT. J. C. POWELL
Editor-in-chief . . . . .	N. C. ALEXANDER
Business Manager . . . . .	G. J. C. FRIES
Asst. Business Manager . . . . .	H. V. FRAILEY
Layout Editor . . . . .	J. F. GLAZA
Copy Editor . . . . .	E. J. WEST
Art & Scheduling . . . . .	G. DE LA CRUZ

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VIP's & Personnel . . . . .	R. M. CARN
Portraits & Candids . . . . .	J. F. PEEBLES
Varsity Sports . . . . .	C. R. JOHNSON
Intramural Sports . . . . .	J. R. CARTER
Social & Activities . . . . .	R. P. WEINAUG

Assistants to the Staff: WADE, YOUNG, TROTTOGOTT, FERRIS, LINDAHL, TAYLOR, CLARK, KOMARNITSKI.





# Talon Staff

Officer In Charge . . . . .	CAPT. R. B. WEAVER
Editor-in-chief . . . . .	F. D. ATKINSON
Managing Editor . . . . .	W. R. JOLLY
Literary Editor . . . . .	J. L. HIGGINS
Editor's Special Assistant . . . . .	D. B. CAIRNS
Art Editor . . . . .	J. W. CLARK
Layout Editor . . . . .	R. T. MATHEWS
Photography Editor . . . . .	R. P. ODENWELLER
Business Manager . . . . .	A. D. THRUSH



## Dodo Staff

Broughton, C. E. III  
Coffey, C. T.  
Decker, B. E.  
Dillon, D. D.  
Goodyear, W. G.  
Hines, G. H.  
Shapek, R. A.  
Shulmister, M.  
Taylor, W. W.  
Wynne, P. E.  
Walker, F. T.  
Frailey, H. V.  
Shapek, R. A.  
Smith, P. J.  
Wolcott, J. J.

COL. L. T. SEITH  
Officer-in-Charge

## Contrails Staff

MAJOR R. A. DUNN  
Officer-in-Charge

Bristow, D. L.  
Head, R. G.  
Eller, T. J.  
Karnowski, L. J.  
Shulmeister, M. R.  
Wolcott, J. J.  
Bockelman, D. C.  
Gabel, B. E.  
Haugen, W. J.  
Davis, W. C.  
Gebhardt, C. L.  
Lee, N. I.  
Nehring, J. A.  
Porter, F. C.  
Potter, G. L.  
Roberts, J. A.  
Turner, R. M.  
Wynne, P. E.



# Hockey Club

Jones, B. C.  
Komarnitsky, O. R.  
Svitenko, L. C.  
Dee, W.  
DeSanto, R. J.  
Donahue, L. F.  
Easter, J. R.  
Fox, T. J.  
Holbrow, W. F.  
Holt, D. E.  
LaPlante, T. A.  
Lindahl, F. W.  
Macaulay, K. W.  
Nuss, D. G.  
Pollock, R. G.  
Rosendahl, E. E.  
Simpson, W. H.  
Svitenko, L.  
Wheeler, R. C.

CAPT. P. L. BRIAND  
Officer-in-Charge

# Geography Club

CAPT. W. J. ACKER  
Officer-in-Charge

Lankenau, E. F.  
Burke, T. E.  
Eller, T. J.  
Anderson, M. A.  
Koerner, D. K.  
Sanzenbacher, F. W.  
Jones, D. H.  
Jones, W. H.  
Hourin, J. J.  
Hamrick, G. R.  
Martin, H. P.  
Ogilvie, J. W.  
Henshaw, R. A.  
Hutchison, T.  
Johnston, C. H.

# Photo Club

CAPT. J. D. FREEMAN  
Officer-in-Charge

Aman, E. D.  
Anderson, M. A.  
Auletta, B.  
Bauer, F. C.  
Box, D. W.  
Breedlove, P. S.  
Burwell, J. C.  
Carling, J. C.  
Carter, J. R.  
Chaklos, T. E.  
Cochrane, C. J.  
Coffey, C. T.  
Davis, R. C.  
de la Cruz, G.  
Diesem, J. L.  
Donovan, R. B.  
Doyle, R. L.  
Egeland, D. M.  
Fain, J. A. Jr.  
Flynn, J. F.  
Gillson, A. W.  
Glaza, J. M.  
Griffis, W. E.  
Gorham, F. W. Jr.  
Hall, R. W. Jr.  
Harley, W. M.  
Hepburn, P. R.  
Hill, T. S.  
Hopp, E. G.

Horsburgh, H. R.  
Koonce, T. T.  
Krebs, R. G.  
LaPlante, T. A.  
LeBrun, J. A.  
Lewis, A. J.  
Lovell, C. C.  
MacFarlane, W. R.  
Merkel, P. A.  
Munson, C. F.  
Nauton, L. C.  
Odenweller, R. P.  
Payne, J. G.  
Quinton, M. E.  
Roush, J. G.  
Sands, C. D.  
Seibert, N. F. A.  
Sell, R. H.  
Seward, S. B.  
Small, D. W.  
Sorenson, N.  
Trotogott, P. H.  
Urban, F. R.  
Vikan, D. F.  
Wax, D. J.  
Weinaug, R. P.  
Wells, N. E.  
Westthrop, D. E.  
Whitted, J. M.

# Radio Club

MAJOR R. E. BASHAM  
Officer-in-Charge

Mangold, R. T.  
Melancon, J. M.  
Pacina, G. C.  
Clark, J. W.  
Daniels, J. E.  
Goodson, W. L.  
MacFarlane, W.  
Marshall, L. W.  
Doyle, R. L.  
Eller, T. J.  
Hamrick, G. R.  
Jamba, J. W.  
Luce, D. B.  
Seward, S. B.  
Carlstrom, D. L.  
Carter, J. R.  
Krebs, R. G.  
Trotogott, P. H.  
Vance, J. C.  
Whitaker, K. J.  
Wicklein, W. A. III  
High, J. T. III  
Newson, R. J.  
Barnard, R. K.  
Chepolis, W. N.  
Granberry, C. W.  
Harper, E. C.  
Hauschlidt, J. C.  
Hodson, W. T.  
Bates, W. D.  
Bowen, T. G.

Smith, F. K.  
Chaklos, T. E.  
Sullivan, J. D.  
Tocado, D. M.  
Holly, J. M.  
Jefferson, W. T. A.  
Miller, M. I.  
Shulmister, M. R.  
Ware, D. F.  
Whitman, E. L.  
Fritz, N. H.  
Hodekinson, R. L.  
Warren, J. R.  
Abshire, D. L.  
Billington, G. F.  
Brush, T. J.  
Burch, G. W.  
Carroll, J. L.  
Fox, R. C.  
Gulbranson, G. G.  
Holt, S. K.  
Horsburgh, H. R.  
Howe, H. L.  
King, H. E.  
Long, A. H.  
Munson, C. F.  
Nieme, N. N.  
Noble, D. G.  
Schmidt, W. E.  
Wilson, G. D.



# Bowman's Club

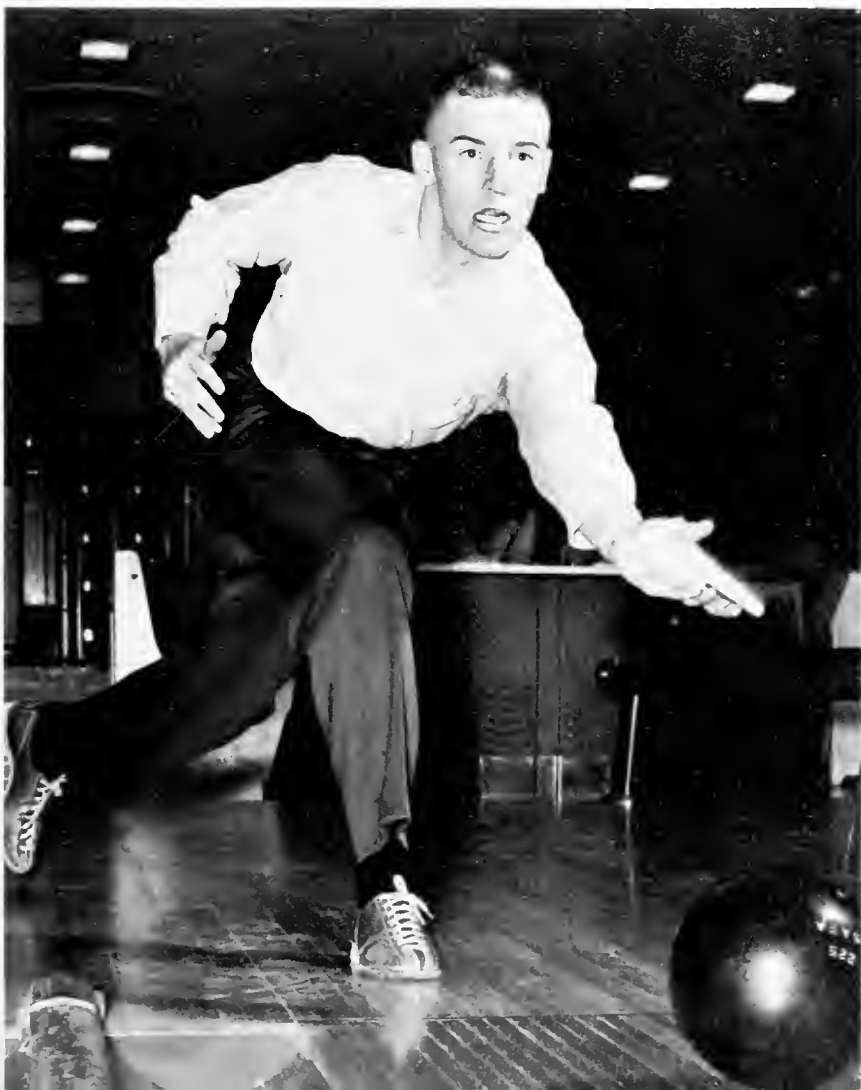
CAPT. J. A. MAGEE  
Officer-in-Charge

O'Rourke, I. C.  
Farrington, A. D.  
Baker, R. L.  
Leonard, E. W.  
McCullough, J. R.  
Peel, J. E.  
Shepard, R. B.  
Smith, P. J.  
Woelfel, E. W.  
Griffin, C. W.  
Burn, D. W.  
Carnegie, W. A.  
Croft, B. C.  
Ware, D. F.  
Schaffner, R. A.  
Stanton, E. J.  
Hart, C. E.  
Roe, P. H.  
Buchner, G. E.  
Gibbons, W. M.  
Thompson, A. S.  
Williams, W. T.  
Fallon, C. B.  
Hill, H. G.  
Harwick, A. H.

Bodenhamer, E. B.  
Box, D. W.  
Connerat, E. B.  
Johnson, D. W.  
Doyle, R. L.  
Molinelli, L.  
Sheets, G. D.  
Vikan, D. F.  
Haslouer, W. L.  
Thomas, B. A.  
Williams, T. W.  
Wagner, R. R.  
Carter, J. R.  
Hobgood, L.  
Stackhouse, W. R.  
Howell, R. L.  
Kohout, J. J.  
Trotogott, P. H.  
Johnson, R. K.  
Smith, J. K.  
Fischer, R. H.  
Savage, G. S.  
Sexton, R. R.  
Yoakum, V. E.

# Bowling Club

LT. M. F. McNAMARA  
Officer-in-Charge



Sweigart, D. L.  
Carnegie, W. A.  
Campbell, H. N.  
Dean, P. A.  
Shewmaker, L. A.  
Storm, T. L.  
Box, D. W.

# Saddle Club

MAJOR J. W. BRADBURY  
Officer-in-Charge

Altman, H.  
Andersen, R. A.  
Campbell, H. N.  
Carroll, H. K.  
Carter, J. R.  
Coffey, C. T.  
Davis, R. W.  
Dean, P. A.  
Decker, B. E.  
D'Entremont, J. A.  
Fanning, W. J.  
Frailey, H. V.  
Halley, G. W.  
Harley, D. M.  
Hart, C. E.  
Haugen, W. J.  
Hill, H. S.  
Hollie, L. L.

Howell, R. L.  
Johansen, A. E.  
Kennedy, J. J.  
Kingman, L.  
Koerner, D. K.  
Landers, P. E.  
Miller, J. D.  
Moulton, W. F.  
Nunn, A. N.  
Paye, D. D.  
Penniston, L. N.  
Reeves, R. J.  
Sanzenbacher, W.  
Shewmaker, L. A.  
Smith, M. D.  
Stackhouse, J. E.  
Van Singel, G. L.





# Model Engineering Club

CAPT. J. L. SINGLETON  
Officer-in-Charge

Heiges, R. H.  
Kopke, K. D.  
Lavender, H. L.  
Lachelt, D. E.  
Hmiel, D. G.  
Holmes-Ray, P.  
Johnson, H. R.  
Van Sant, B.  
Williams, W. T.  
Willis, F. E.  
Baughman, G. L.  
Billington, G. F.  
Davey, R. F.  
Engels, G. P.  
Guilmartin, J. E.  
Hales, C. E.  
Kuchleuski, R. J.  
Lentz, C. B.  
Lorenzini, D. A.  
Mages, J. G.  
Pirtle, P.  
Seward, S. B.  
Westhop, D. C.  
Ayers, N. O.  
Bauer, F. C.  
Beall, K. C.  
Bohlin, E.  
Bryson, B. L.  
Burwell, J. C.  
Clark, R. B.  
Rector, J. O.  
Reed, J. A.  
Saban, G. H.  
Severson, L. L.

McCarthy, G. W.  
Phillips, J. R.  
Cooper, R. R.  
Corey, R. L.  
Daly, P. F.  
Davis, P. H.  
Deluca, J.  
Dietz, D. R.  
Edwards, J. L.  
Ekman, L. C.  
Elliot, B.  
Freeland, M. L.  
Gill, A. B.  
Greenfield, J. L.  
Haller, G. R.  
Hart, E. C.  
Heal, J. T.  
Hemeyer, K. P.  
Juister, R. M.  
Kennedy, R.  
Kominouski, R. J.  
Kopke, M. D.  
Kramer, H. R.  
Maywald, P. V.  
Miller, J. D.  
Mindock, J. M.  
Moore, P. M.  
Pasquet, G. A.  
Phillips, J. R.  
Sheares, E. L.  
Sprenkle, J. H.  
Weber, R. L.  
Winzell, J. R.



# Engineering Society

CAPT. M. M. BRETTING  
Officer-in-Charge

Goodson, W. I.  
Jones, T. M.  
MacFarlane, W. R.  
Cooper, R. M.  
Mason, F. J.  
Komarnitsky, O. R.  
Weight, R. H.  
Barrett, F. L.  
Taylor, W. W.  
Schira, J. A. Jr.  
Gonsky, J. P.  
Lachelt, D. E.  
Clark, J. W.  
Zimmerman, A. D.  
Sullivan, P. M.  
Luce, D. B.

# Lacrosse Club

MAJOR H. B. SHAW  
Officer-in-Charge

McCall, M. J.  
Swank, J. C. H.  
Buckley, P. J.  
Saunders, E. C.  
Bujalski, J. H.  
Atkinson, F. D.  
Fanning, W. J.  
Peters, G. L.  
Young, J. R.  
Hackney, R. R.  
Weeden, R. J.  
Engels, G. P.  
Travis, D. T.  
Whitfield, H. M.

Fries, E. J. C.  
Apodaca, V. J.  
Mosier, B. M.  
Carnegie, W. A.  
Olson, D. C.  
Doyle, W. C.  
Reavely, N.  
Waddle, J. E.  
Brophy, T. F.  
Darnauer, J. H.  
Burton, P. J.  
Rhoades, R. S.  
Lee, D. R.

# Water Polo Club

Marshall, L. W.  
Wilder, R. L.  
Houston, J. G.  
Mayberry, F. D.  
Martin, H. P.  
Adamson, D. A.  
Brown, C. H.  
Cooper, R. H.  
Farquhar, J. L.  
Schaum, C. O.  
Connally, J. W.  
Beck, B. T.  
Burns, H.  
Goetze, R. B.  
Holt, S. R.

CAPT. C. H. ALLISON  
Officer-in-Charge



# Bridge Club

Campbell, L. N.  
Poole, J. C.  
Kellerman, K. F.  
Taylor, W. W.  
Waugh, G. R.  
Bronson, H. F.  
Stack, G. T.  
Day, J. R.  
Skilling, T. G.  
Mason, F. J.  
Tabor, D. C.  
Dean, C. R.  
Fricks, M. E.  
Kellock, R. E.  
Stevens, D. D.  
Thompson, G. M.  
Keighery, R. P.  
Heacox, D. J.

CAPT. T. EISENMAN  
Officer-in-Charge

# Chess Club

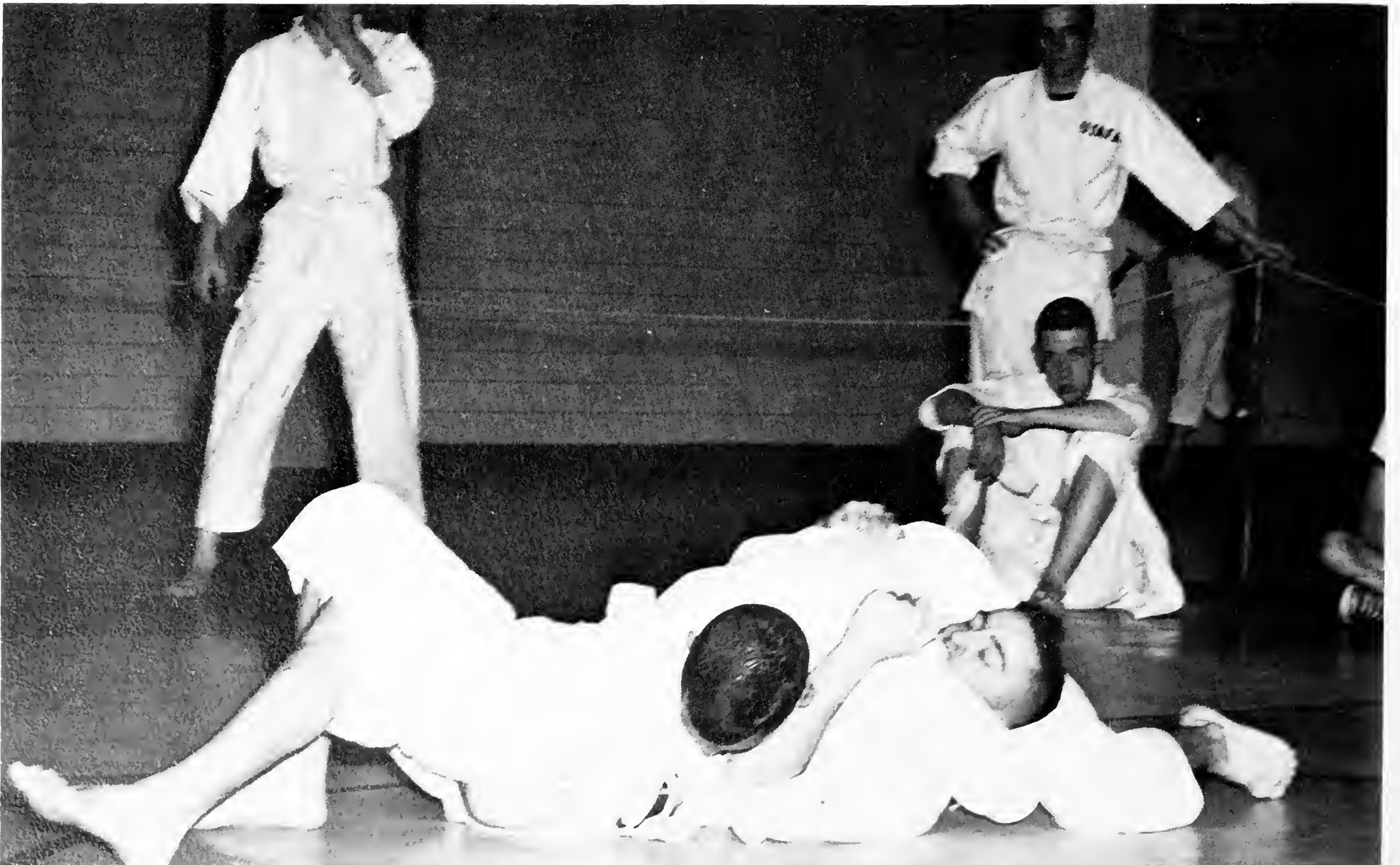
LT. COL. J. W. QUERRY  
Officer-in-Charge

Folkart, C. S. Jr.  
Sullivan, P. M.  
Heiges, R. H. Jr.  
Carnegie, W. A.  
Brothers, J. N.  
Gallagher, J. P.  
Krebs, R. G.  
MacLennan, J. C.  
Marshall, L. W.  
Miller, D. R.  
Moore, T. K.  
Scheiber, M. T.  
Griffin, C. F.  
Shulmister, M. R.  
Travis, B. M.  
Wright, G. L.  
Bull, R. G.  
Theurer, B. W.  
Ahmann, J. N.  
Mason, F. J.  
Ammons, P. G.  
Dean, M. F.  
Hart, E. C.  
Sims, R. B.  
Kalberer, K. F. Jr.

# Judo Club

Brophy, T. F.  
Campbell, H. N.  
Franco, C. S.  
Gooch, L. C.  
McQue, E. D.  
McNaughton, R.  
Mills, H. R.  
Savage, G. S.  
Sexton, R. R.  
Skilling, T. G.  
Tupper, N. G.  
Waterman, C. R.  
Weatherhead, H.

CAPT. R. L. ANDERSON  
Officer-in-Charge





# Mountaineering Club

CAPT. A. G. CHRISTEN  
Officer-in-Charge



Apodaca, V. J.  
Bodenhamer, H. L.  
Boyd, S. R.  
Burns, T. V.  
Dillon, D. D.  
Eller, T. J.  
Girard, J. I.  
Hines, B. J.  
Jones, D. H.  
Jones, W. H.  
Kerr, A. D.  
Kirk, C. R. B.  
Lebel, H. F.  
Sanders, T. A.  
Trotoogott, P. H.  
Waddle, J. E.  
Whitfield, H. M.



# Ski Club

CAPT. T. F. BULLOCK  
Officer-in-Charge

## CADET OFFICERS

Hardison, J. A. . . . .	<i>President</i>
Gillis, W. A. . . . .	<i>Vice-President</i>
Dillon, D. D. . . . .	<i>Secretary</i>
Buckley, P. J. . . . .	<i>Treasurer</i>

This club, with a membership including practically every member of the Cadet Wing, is the largest operating at the Academy, a fact that is reaffirmed each year at the time of the first snow when skis, crutches, and casts appear almost simultaneously in large numbers.





# Cadet Forum

CAPT. O. S. NIBLEY  
Officer-in-Charge

Burton, P. J.  
Clark, J. W.  
Croft, B. C.  
Currier, W. R.  
Davis, R. C.  
Goodson, W. L.  
Haney, D. J.  
Head, R. J.  
Huhn, J. H.  
Kendall, W. F. Jr.  
King, H. E.  
Kingman, R. A.  
Lovell, C. C.  
Macartney, J. D.  
MacDonald, R. R.  
MacFarlane, W. R.  
Savage, G. S.  
Schwank, J. H.  
Sexton, R.  
Thurst, A. D.  
Werrell, K. P.  
Wiest, D. L.  
Aylsworth, W. C.  
Bodenhamer, H. L.  
Brophy, T. F.  
Buckley, P. J.  
Bull, R. G.  
Copper, R. M.

Croll, C. W.  
Carlstrom, D. L.  
Danborn, D. R.  
Dihon, C. B.  
Eller, T. J.  
Fullerton, R. H.  
Lane, W. F.  
Likens, R. G.  
Miller, R. E.  
Kohont, J. J.  
O'Rear, E. N.  
Payne, J. G.  
Rogers, J. W.  
Sanders, T. A.  
Schutt, T. E.  
Scot, H. L.  
Stringer, R. F.  
Whalen, W. W.  
Williams, T. W.  
Trotogott, P. H.  
Annis, J. R.  
Daugherty, J. W.  
DeBerry, R. D.  
Dinsmore, J. C.  
Eckel, G. M.  
Fleming, K. H.  
Fiedler, F. A.  
Fisher, K. S.

Gallagher, J. P.  
Goodenough, R. E.  
Harrison, G. B.  
Haugen, W. J.  
Hoffert, R. L.  
Hogan, W. E.  
Holbrow, W. F.  
Keaney, T. A.  
Keck, H. G.  
Klass, R. L.  
Keyes, A. L.  
McClintock, R. M.  
Moore, T. K.  
Nichols, H. E.  
O'Rourke, W. R.  
Peterson, W. J.  
Searl, C. W.  
Sher, F. R.  
Smith, J. L.  
Smull, R. N.  
Spory, R. M.  
Starkey, J. L.  
Tocado, D. M.  
Tomlin, T. N.  
Thompson, G. M.  
Wicklein, W. A.  
Woodworth, C. E.



# Forensic Association

LT. COL. W. C. THOMPSON  
Officer-in-Charge

Walker, F. T.  
Brophy, T. F.  
Hinton, P. D.  
Owens, T. P. Jr.  
Smith, R. D.  
Stringer, R.  
Williams, T. W.  
Whalen, W. W.  
Zompa, E. A.  
Jensen, N. D.  
Keyes, A. L.  
Mangold, R. T.

Patton, R. B.  
Stanton, E. J.  
Andersen, R. A.  
Bush, C. V.  
Diesem, J. L.  
Dougherty, J. J.  
Evans, J. T. Jr.  
Groves, W. C.  
Hamilton, R. A. II  
Van Allen, P. R.  
Venkus, R. E.  
Wynne, P. E.





# Musical Group

MAJOR A. W. BANISTER  
Officer-in-Charge

Anderson, D. L.  
Bow, R. N.  
Breckenridge, R. A.  
Brothers, J. N.  
Christy, C. A.  
Croft, B. C.  
Degerman, R. L.  
Eggers, J. A.  
Evans, A. S.  
Flanagan, W. F.  
Fraley, H. V.  
Gallagher, J. P.  
Gaston, J. C.  
Green, W. T.  
Halligan, J.  
Hart, E. C.  
Hemmel, J. C.  
Hodges, R. C.  
Howe, T. W.  
Kelly, H. L.  
Knudson, H. E.

Lentz, G. D.  
Lyndall, F. W.  
Martinelli, D. R.  
McClintock, R. M.  
Meier, B. W.  
Mindock, J. M.  
Pacina, G. C.  
Pfeifer, S. W.  
Patterson  
Qualey, A. R.  
Renoud, C. R. G.  
Roth, M. J. C.  
Schroeder, T.  
Suby, S. F.  
Vaughn, D. K.  
Vaughn, E. W.  
Vogelsang, S. E.  
West, G. W.  
Westhorpe, D. C.  
Wilson, D. E.  
Wise, J. M.

## Falconers

CAPT. W. L. RICHARDSON  
Officer-in-Charge

Guess, T. J.  
Nolde, G. T.  
Baker, S. J.  
Hogan, W. E.  
Paddon, H. G.  
Tacado, D. M.





## Combined Choirs

## Protestant Choir

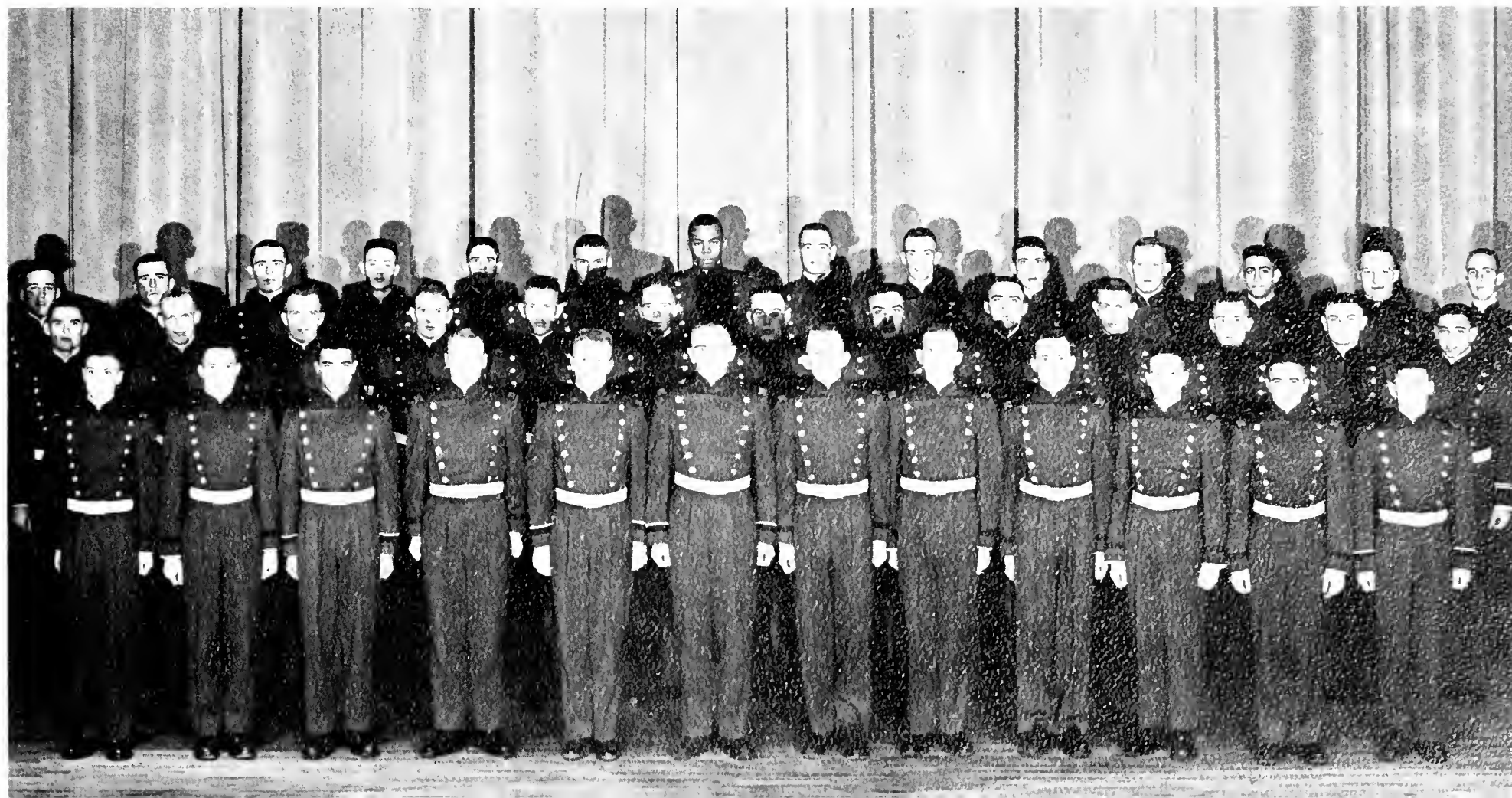






**Cadet Chorale**

**Catholic Choir**



# Professional Studies Group

LT. COL. L. J. CHURCHVILLE  
Officer-in-Charge

Allborn, J. N.  
Barrett, F. L.  
Backman, V. E.  
Bockelman, D. C.  
Brophy, T. F.  
Carnegie, W. A.  
Dake, T. L.  
Frederick, G. L. Jr.  
Hawes, G. T.  
Hardison, J. H.  
Higgins, J. L.  
Hopp, E. G.  
Horton, H. T.  
Kennedy, R.  
Lefton, J. D.  
McNulty, G. C.

Meinhardt, F. P.  
Nenninger, R. L.  
O'Connell, M. J.  
Pattie, T. N.  
Rader, R. F.  
Rotz, D. N.  
Savonen, S. J.  
Schehr, R. R.  
Shillcutt, D. D.  
Smith, E. L.  
Stackhouse, W. K.  
Starkey, J. L.  
Staten, K. E.  
Troutman, D. E.  
Wagner, R. K.  
Wheide, J.

## Protestant Cadet Religious Council

Manchess, W. E.  
LeFors, W. H.  
Kepner, D. A.  
Fisher, K. S.  
Kerr, J. A.  
Fey, J. C.  
Carter, J. R.  
Yee, D. K.  
Hutchinson, D. L.  
Butler, G. L.  
Price, C. S.  
Bull, R. G.  
Mayo, J. R.  
Howe, H. L.  
Harmon, L. C.  
Zersen, W. F.

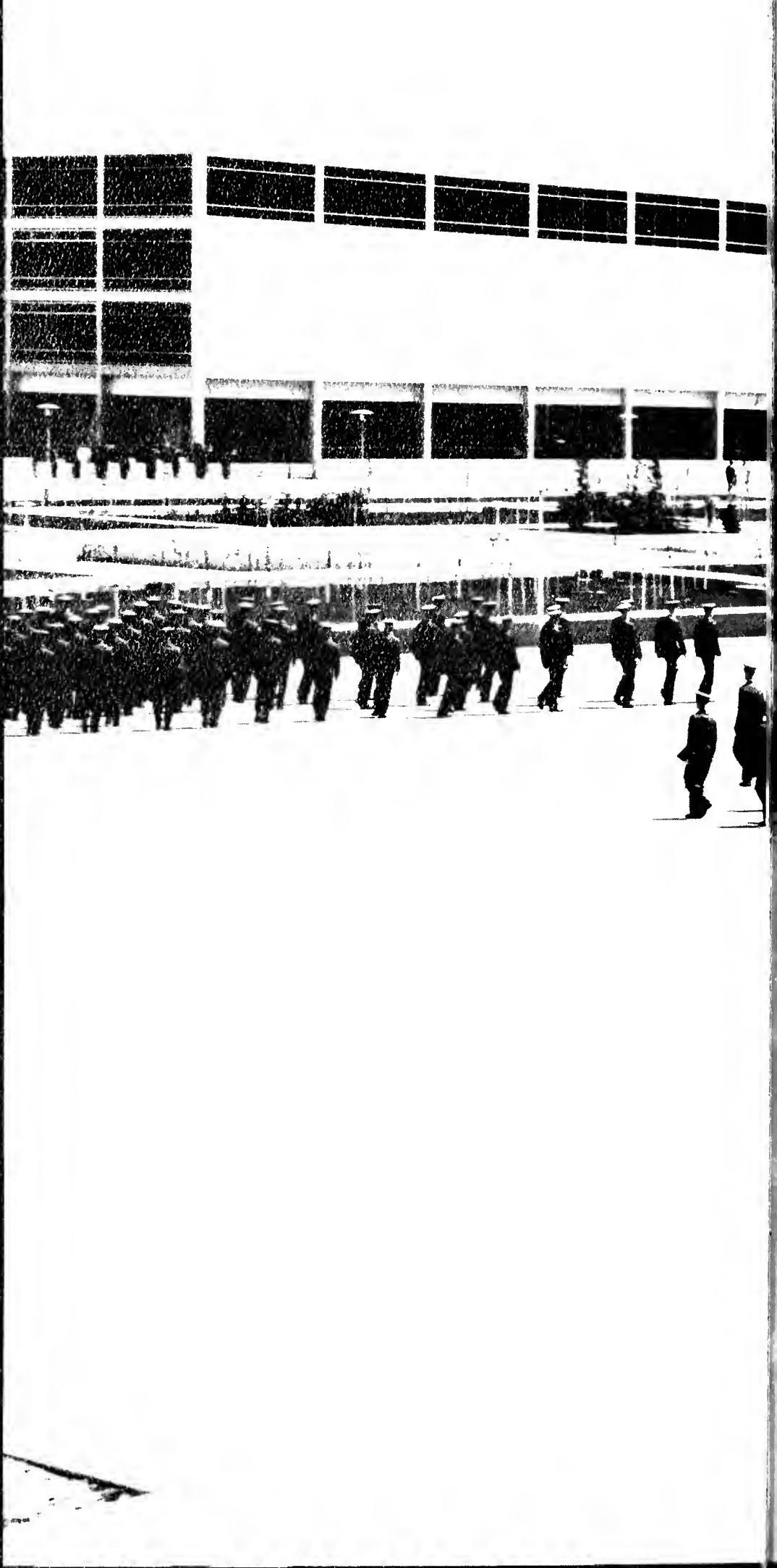
CHAPLAIN C. I. CARPENTER  
Officer-in-Charge



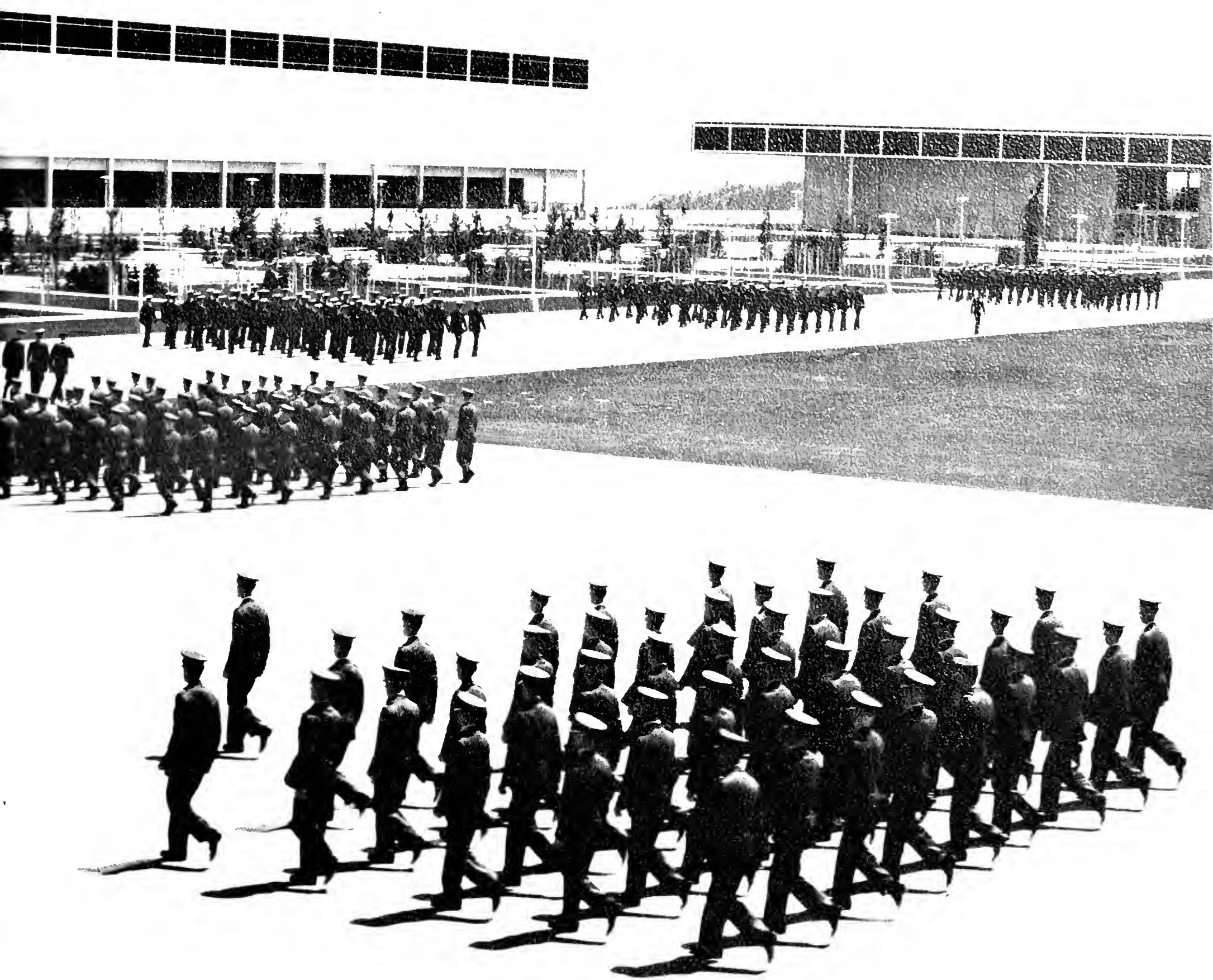
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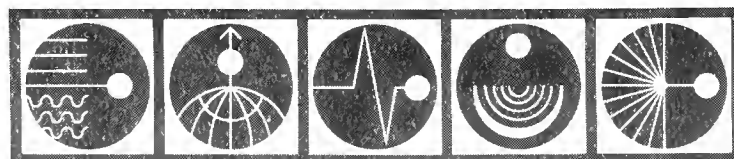
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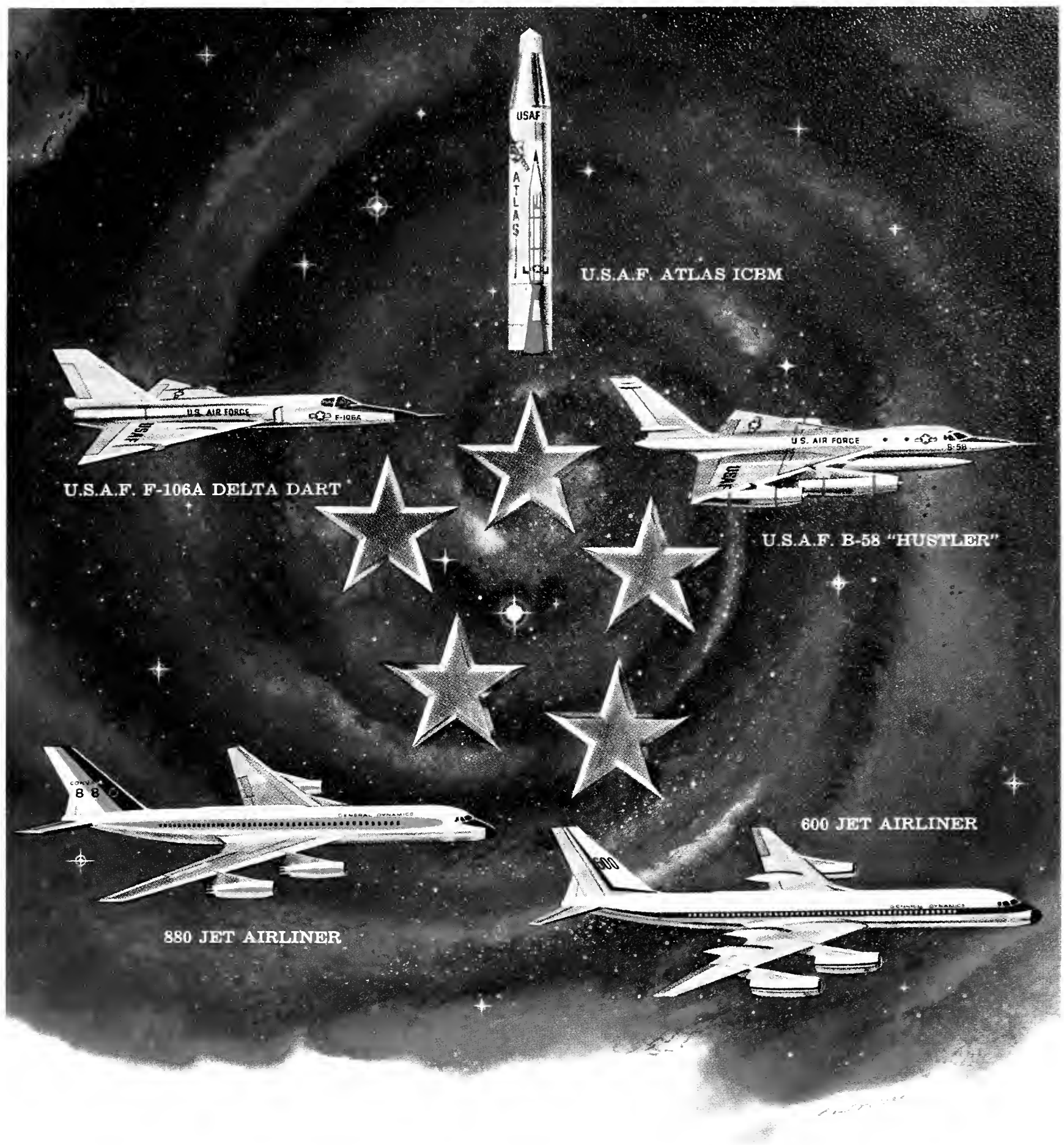


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AERONAUTICS ASTRONAUTICS ELECTRONICS RANGE SYSTEMS RESEARCH





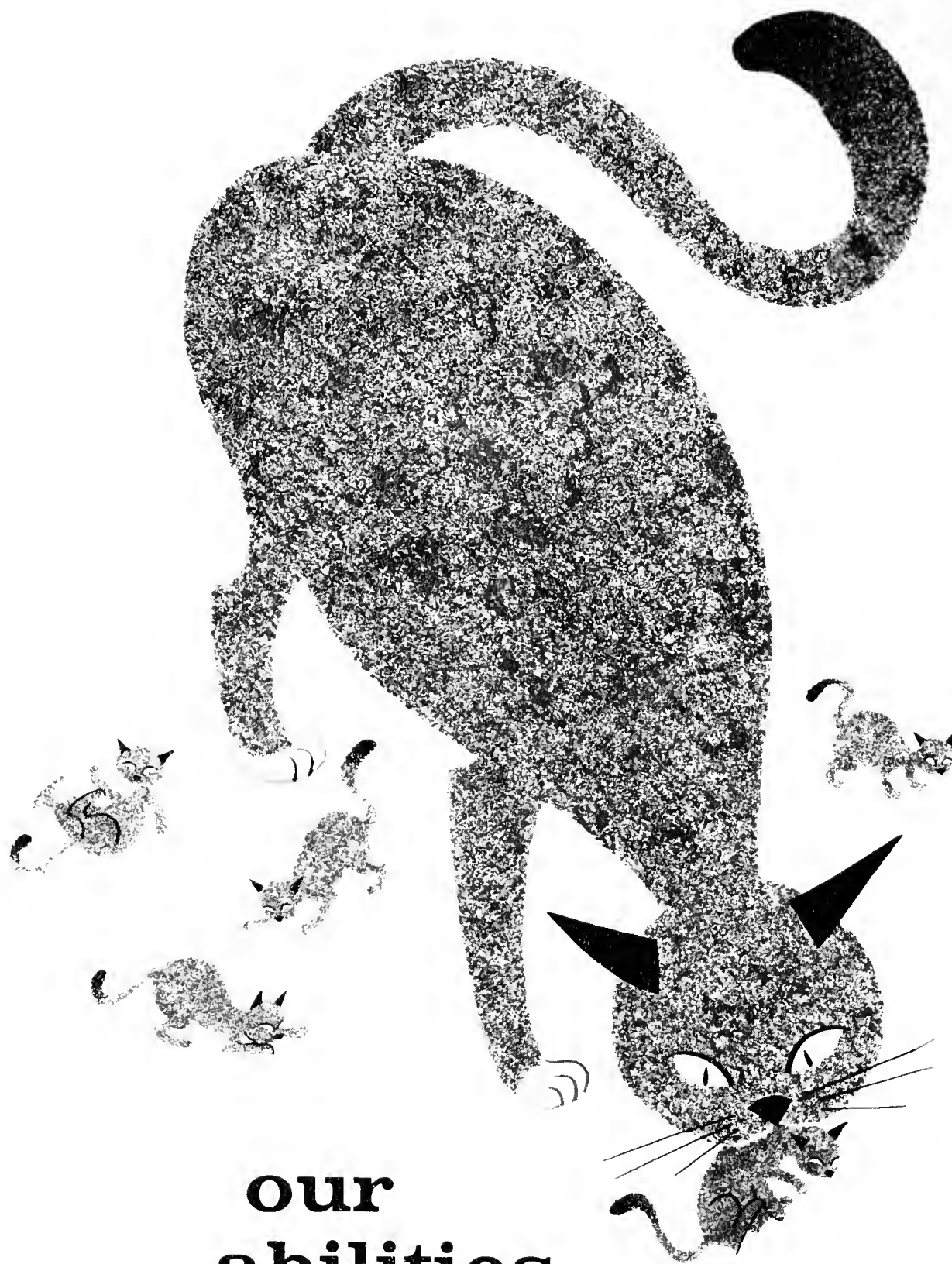
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**AMERICAN BOSCH DIVISION**, Springfield, Mass. . . . the nation's largest independent producer of fuel-injection systems, producer of electronic and hydraulic systems for missiles and manned aircraft, pulse generators, and a variety of industrial and consumer automotive products.

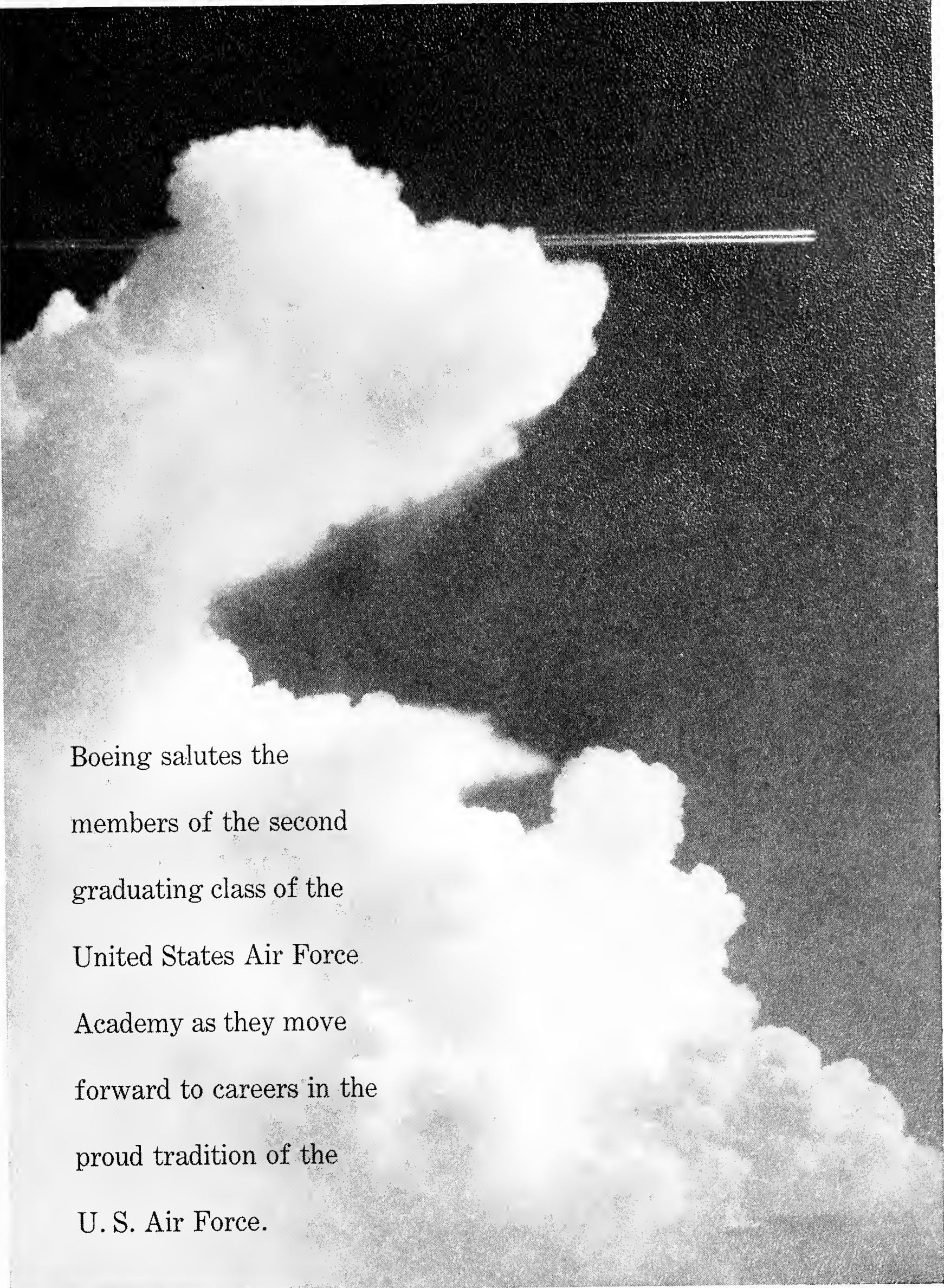
**TELE-DYNAMICS**, Philadelphia, Pa. . . . newest member of the team . . . leader in research and development of airborne transmitting and ground receiving equipment, electronic and electro-mechanical systems and controls for both military and industrial applications, recording telemetry electronic equipment.

**ABAMCO**—American Bosch Arma Mississippi Corporation, Columbus, Miss. . . . producer of automotive electrical equipment and small motors for numerous applications . . . housed in one of the South's most modern manufacturing plants.

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**AMERICAN BOSCH ARMA CORPORATION**





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Only Coca-Cola gives you the cheerful lift that's bright and lively... the cold crisp taste that so deeply satisfies! No wonder it's the real refreshment... anytime... anywhere! Pause... for Coke!

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Now available almost everywhere.*



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## GENTLEMEN:

*They were four years that I won't  
forget either.*

# 1956

TO

# 1960



**EXASPERATING . . .**  
**EXHILARATING . . .**  
**EXHAUSTING . . . . .**  
**INSPIRING . . . . .**



*It is rough to have 200 friends  
leave each June. All I can say is*

**GODSPEED**



*prodding the Polaris staff onward and upward  
viewing such things as the Cotton Bowl  
visiting Europe, 1958; need I say more?  
watching high-school boys become young men*

*Tony Darnell*



Tony Darnell  
Official Polaris Photographer  
Newsfoto Publishing Company



# nobody likes you like Chevrolet

*(and how this superlative '60 shows it!)*

*Nowhere will you find another car that caters to your driving wants like this one. That's because nobody else has gone to such lengths to find out what you want, and to give it to you. Eighteen sizzlin' new models for '60—every one designed for a particular set of requirements. Once you've picked out your favorite, give it a good leisurely going over and notice all the extra ways Chevy tries to please you (without once forgetting your budget):*

*Roomier Body by Fisher with a 25% smaller transmission tunnel.*

*Pride-pleasing style (combines good looks with good sense).*

*New Economy Turbo-Fire V8 (makes friends fast by getting up to 10% more miles on a gallon).*

*Widest choice of engines and transmissions (24 combinations in all—to satisfy the most finicky driver).*

*Hi-Thrift 6 (built with Chevy's famed ever-faithful dependability).*

*Coil springs at all 4 wheels (with the extra cushioning of newly designed body mounts to filter out road shock and noise).*

*Quicker stopping Safety-Master brakes (specially designed for long lining wear).*

*Chevrolet Division of General Motors,  
Detroit 2, Michigan*

**CHEVROLET**

there's nothing like a new car—and no new car like a '60 Chevrolet. This is the Impala 4-Door Sport Sedan.



See The Dinah Shore Chevy Show in color Sundays, NBC-TV — The Pat Boone Chevy Showroom weekly, ABC-TV





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The Tactical Air Command (TAC) is the practical air arm of the U. S. Air Force.

TAC's all-weather mission capabilities start from the ground up. So do the capabilities of the aircraft it flies: Republic's F-105 Thunderchief. > > TAC teams up with our Army's tactical ground forces to assure terrain control. TAC helps assure this by giving close support to these ground forces . . . by becoming an umbrella which helps deter aggressor efforts, pinpoint aggressor targets, prevent aggressor action. TAC and the F-105, in addition to versatility, offer extremely important economy factors: economy of force, personnel and the defense dollar: one aircraft capable of multi-purpose performance missions.

**REPUBLIC  AVIATION**

FARMINGDALE, LONG ISLAND, N. Y.

*Designers and Builders of the Incredible*  
**THUNDER-CRAFT**







**N**

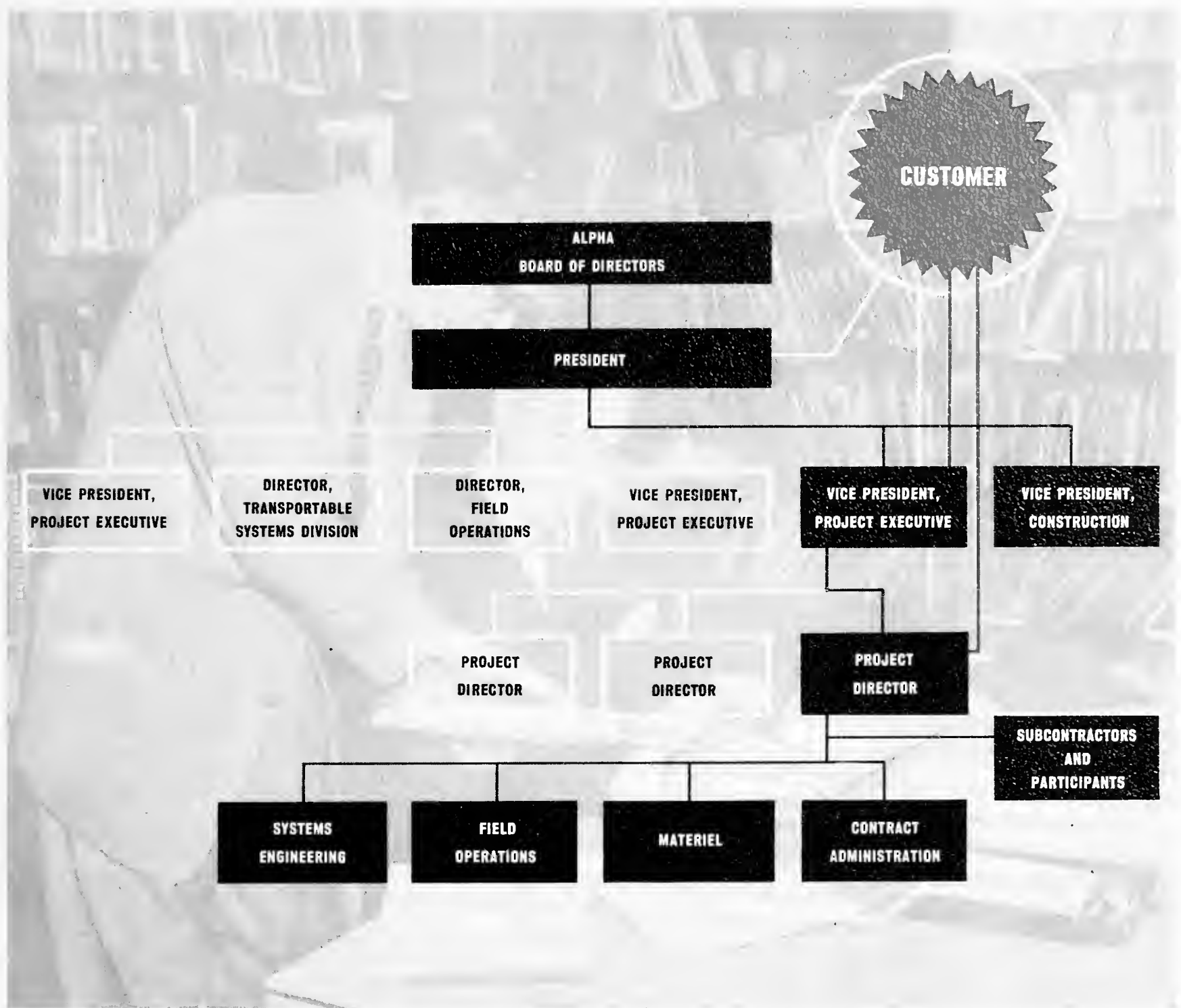
**PUBLISHING COMPANY**

SAN ANGELO

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**FOUNDED BY DISTINGUISHED LITHOGRAPHY**

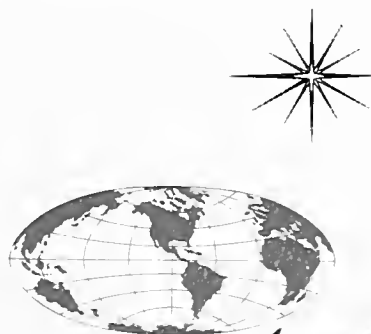




# ALPHA

*is a systems management organization*

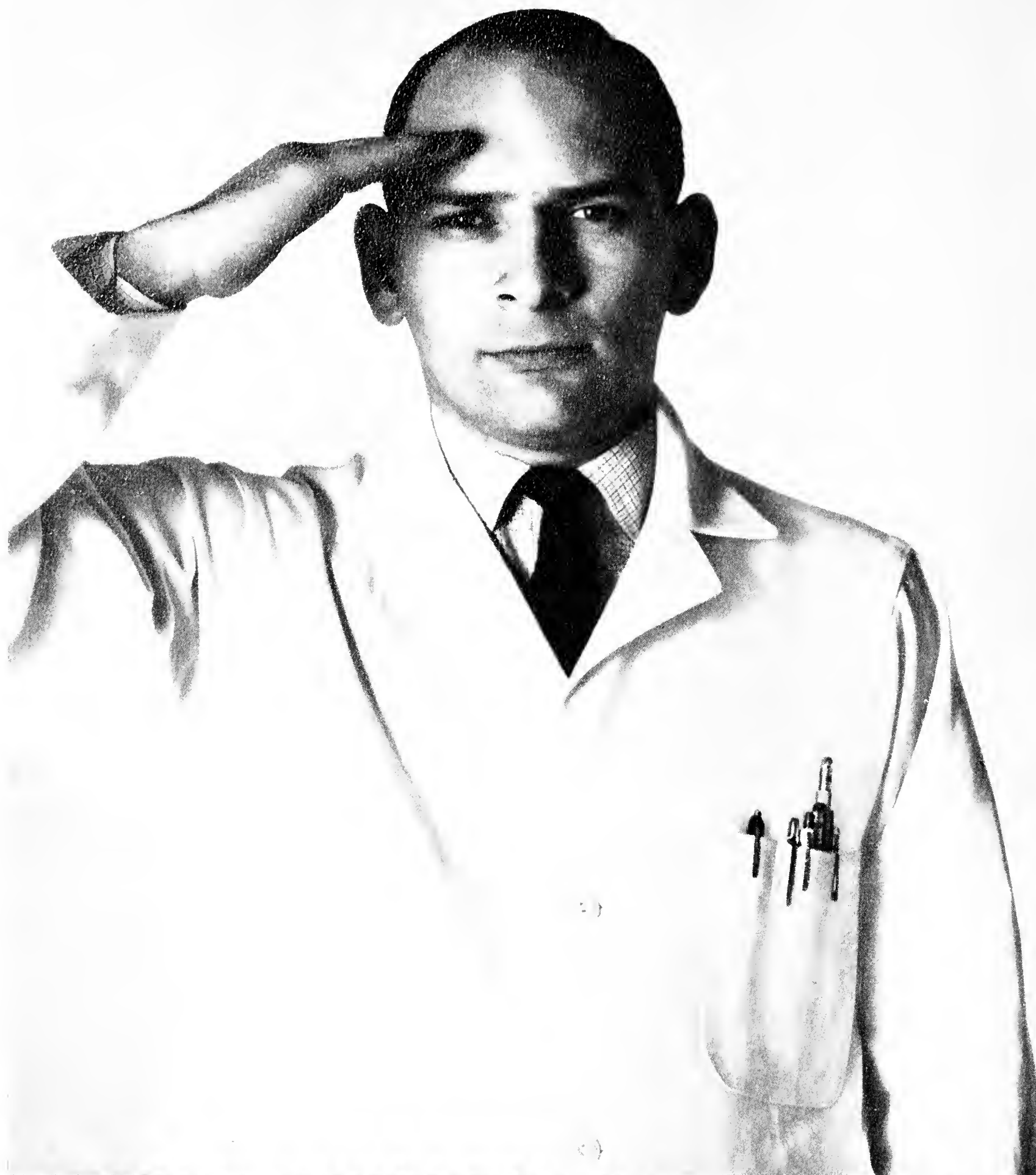
Simple and clear-cut, Alpha's internal organization is aligned to provide systems coordination by means of vertical integration of management, engineering, and administration of each project within the division to which the project is assigned. Each project division is under a Vice President and Project Executive who is organizationally a part of the central management of Alpha. Functionally, the Project Director, together with the project's own engineering, operations, materiel, contract administration, and business development personnel, deals directly with the customer and has complete authority, responsibility, and accountability for the timely execution of the project.



*Alpha* CORPORATION  
a Subsidiary of Collins Radio Company

SYSTEMS DESIGNERS, ENGINEERS, CONSTRUCTORS,

WORLD - WIDE . RICHARDSON, TEXAS



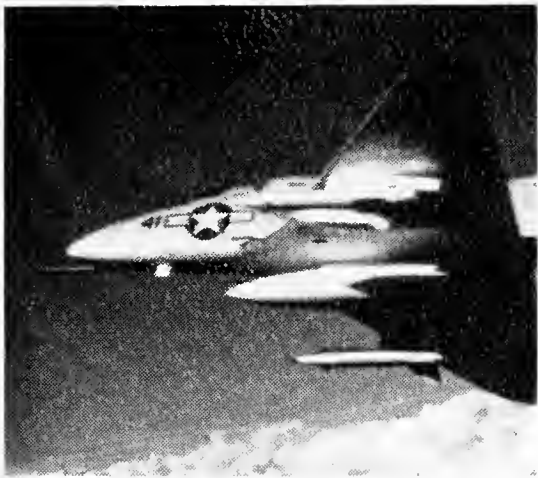
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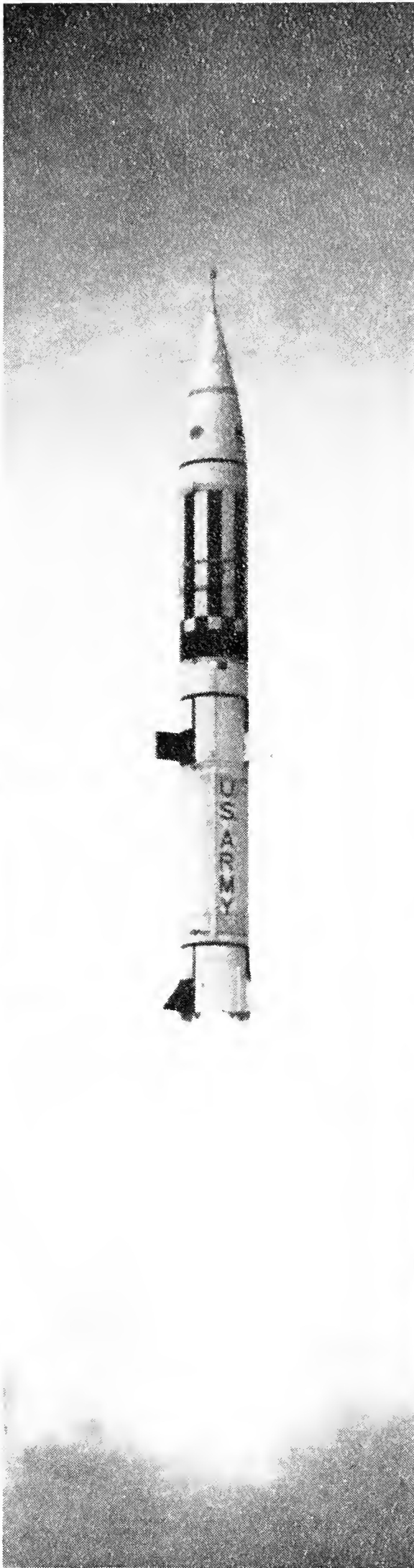
*Navy & Air Force Bullpup*



*Air Force Mace*



*Army Lacrosse*



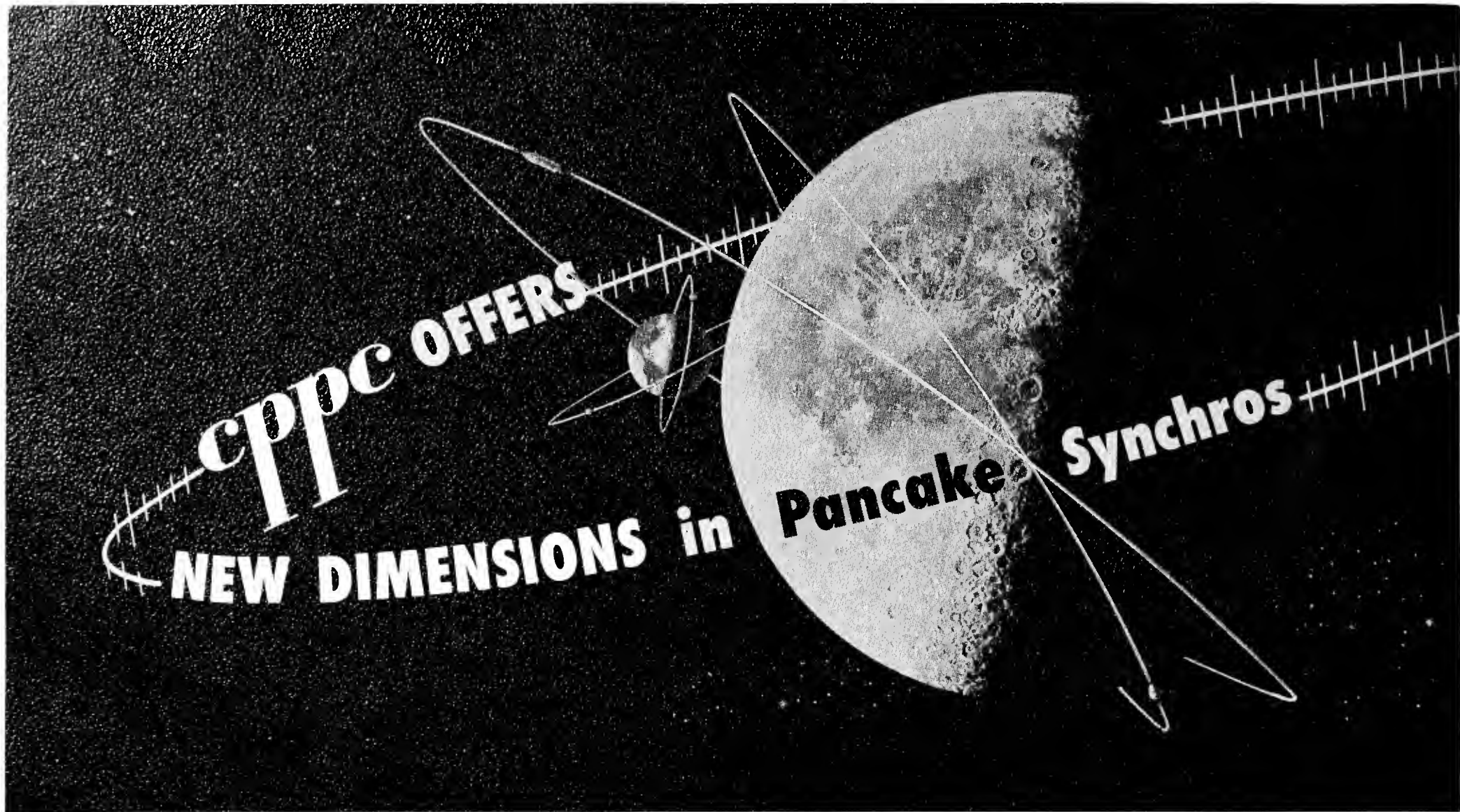
*Army Pershing*



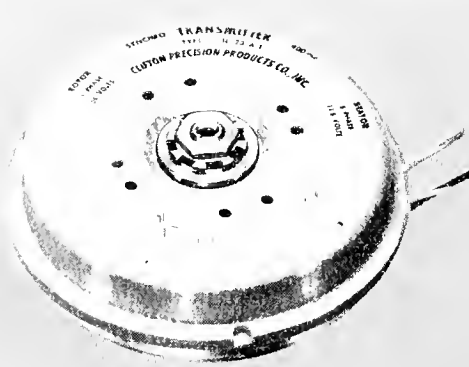
*Air Force Titan*

*Five major U.S. missiles developed  
and built by Martin*

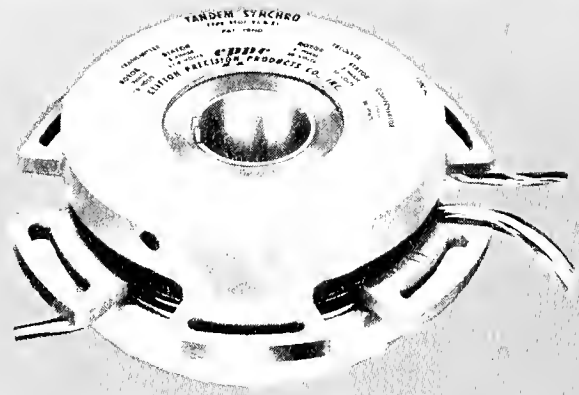
**MARTIN**



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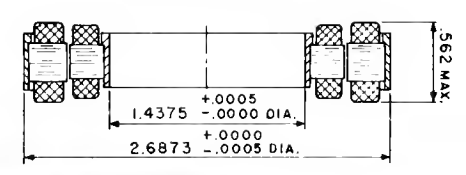
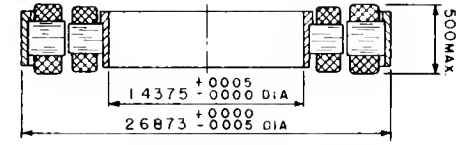
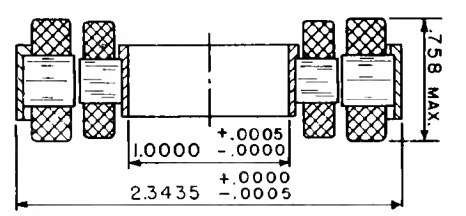
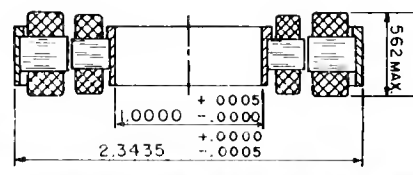
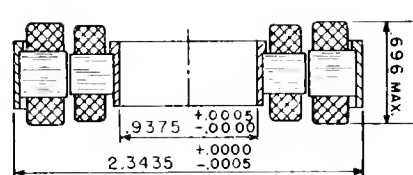
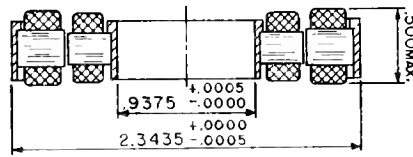
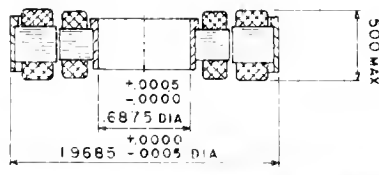
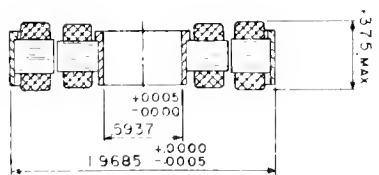
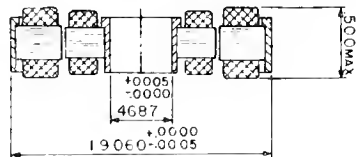


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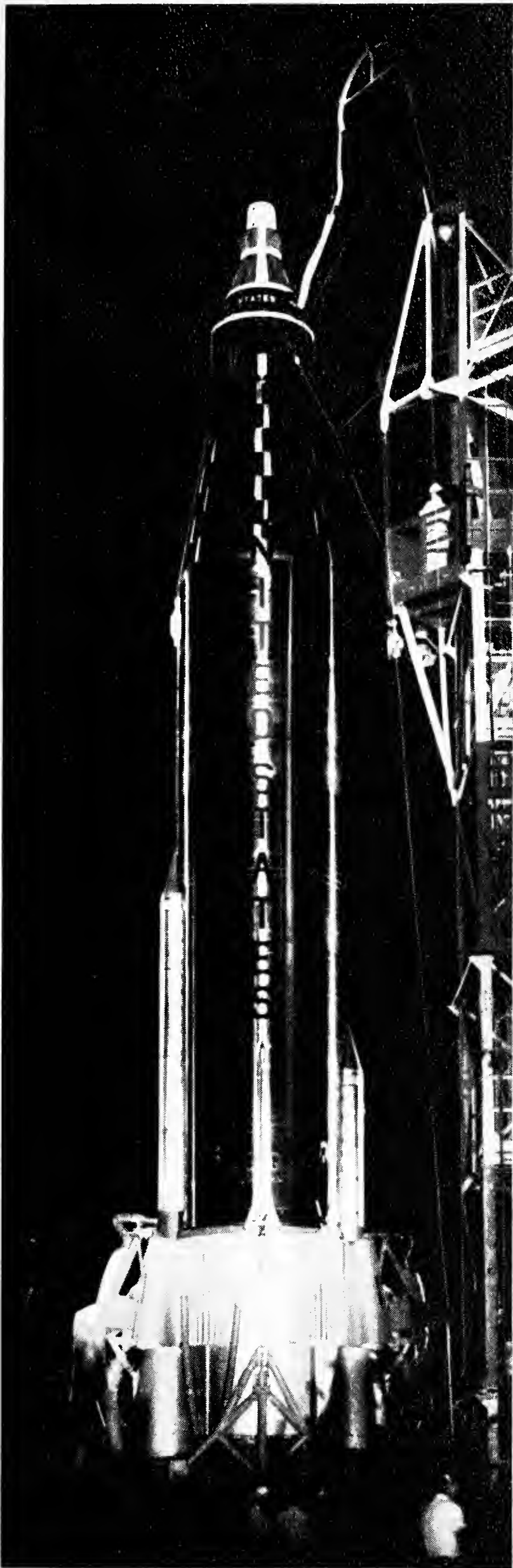


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Clifton Heights, Pa.





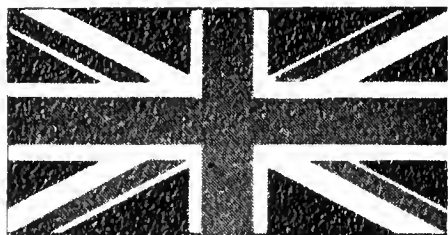
**The USAF Atlas**, designed and built by General Dynamics Corporation's Convair Division, will put into orbit the first of this country's manned capsules (Project Mercury) ; will help send instrumented probes deep into space (Atlas-Able) ; boost heavy satellites into polar orbit (Projects Midas and Samos) ; and launch space vehicles for moon and planetary probes (Project Centaur).

In addition, scientists of General Atomic Division are studying (Project Orion) the feasibility of using controlled nuclear pulses to propel into space a ship weighing 1,000 tons. Meanwhile, Atlas, America's first operational Inter-continental Ballistic Missile, with a capability of delivering an atomic warhead at 16,000 mph over a range exceeding 6,000 miles, remains a major deterrent to nuclear war.

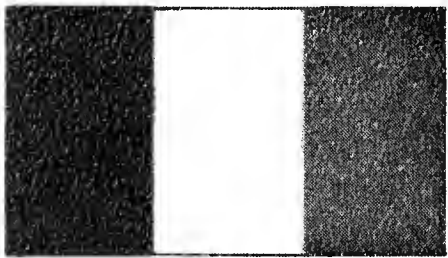
ELECTRIC BOAT  
CONVAIR  
GENERAL ATOMIC

**GENERAL DYNAMICS**

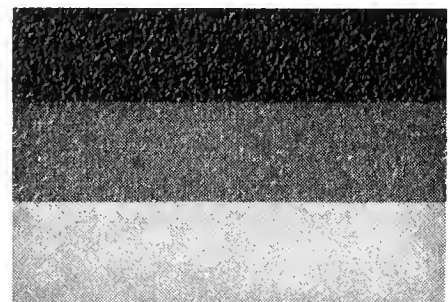
CANADAIR LIMITED  
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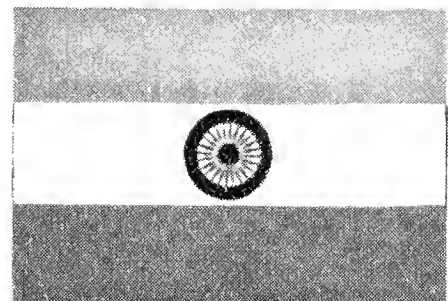
GREAT BRITAIN



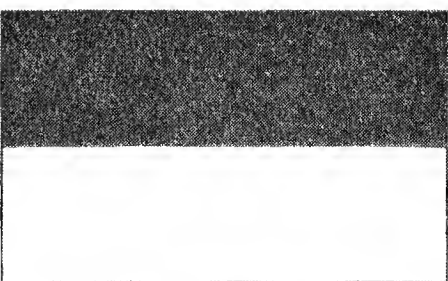
FRANCE



GERMANY



INDIA

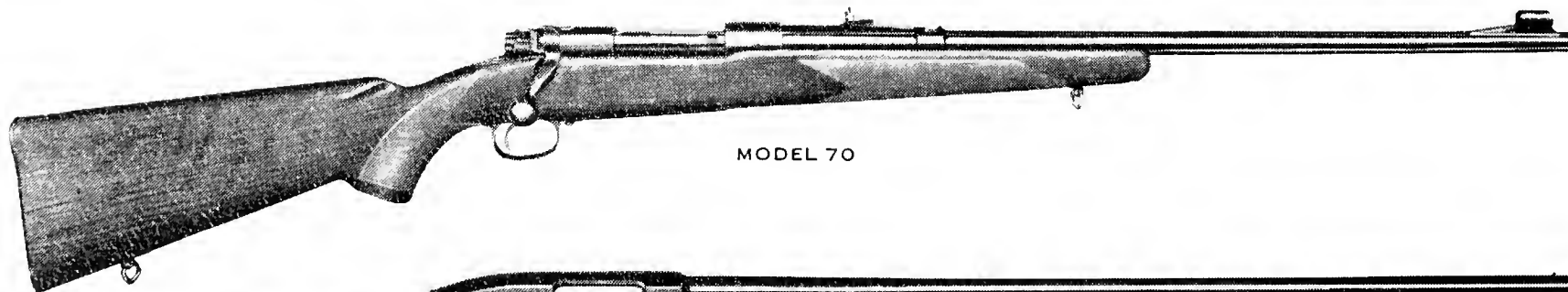


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## WHEREVER DUTY TAKES YOU... TAKE A WINCHESTER

A lifetime of hunting opportunities awaits you. Wherever you're stationed you'll find game—corn fed pheasants one year, perhaps Bengal tigers the next. Make the most of your chances and you'll collect thrills and trophies few millionaires can match.

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MODEL 70



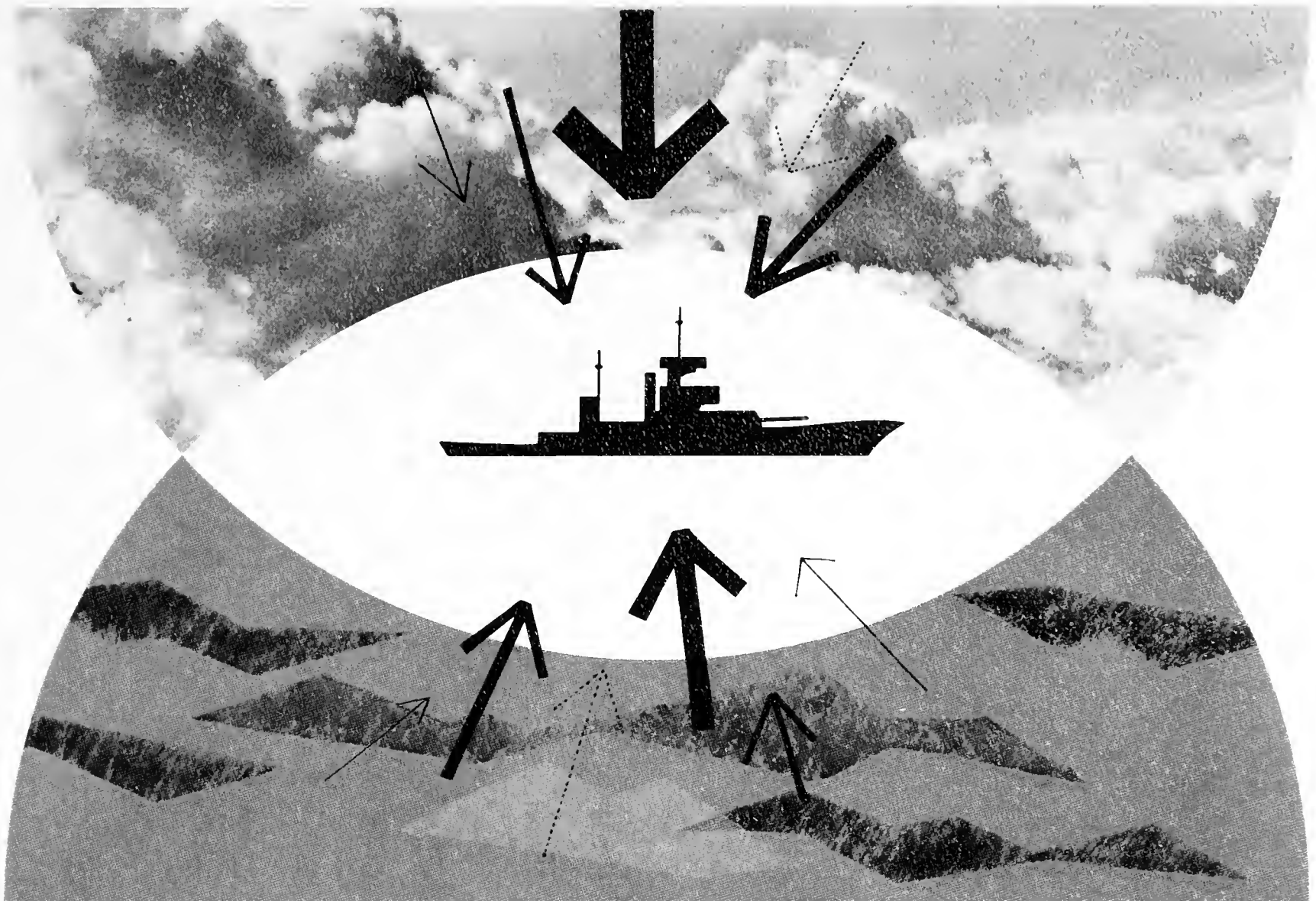
MODEL 50

# **WINCHESTER**

TRADEMARK

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**GRADUATING CLASS**  
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*Congratulations...* and best wishes for continued success...

From Temco... developers and weapons  
 system manager for CORVUS... a new and  
 powerful missile for America's defense arsenal.

**TEMCO**

**MISSILES & AIRCRAFT**

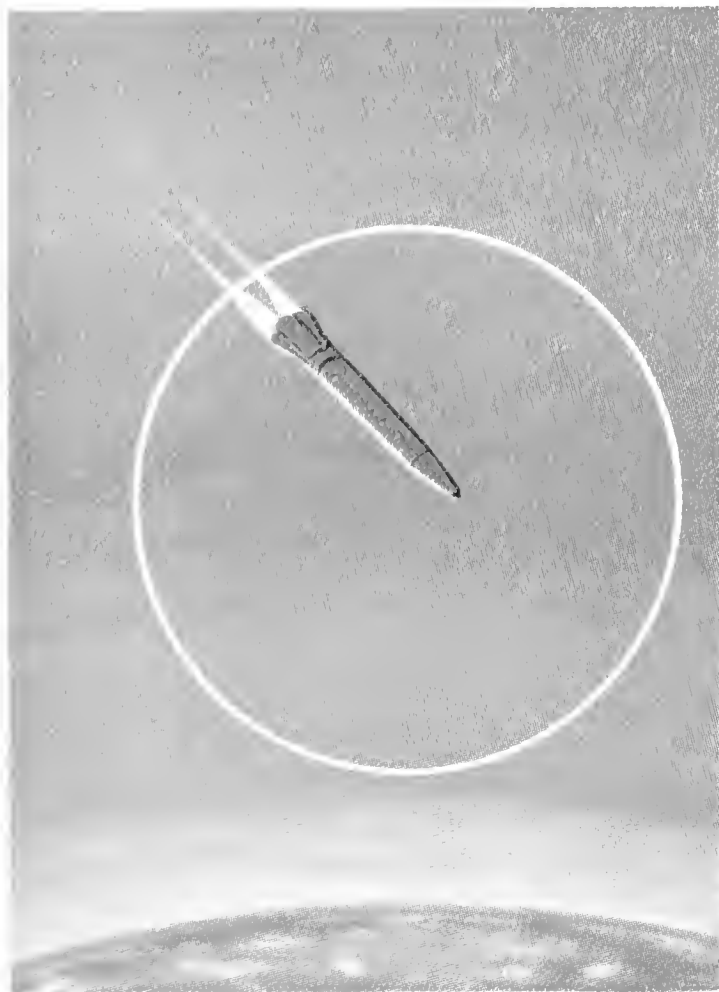
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ELECTRONICS DIVISION

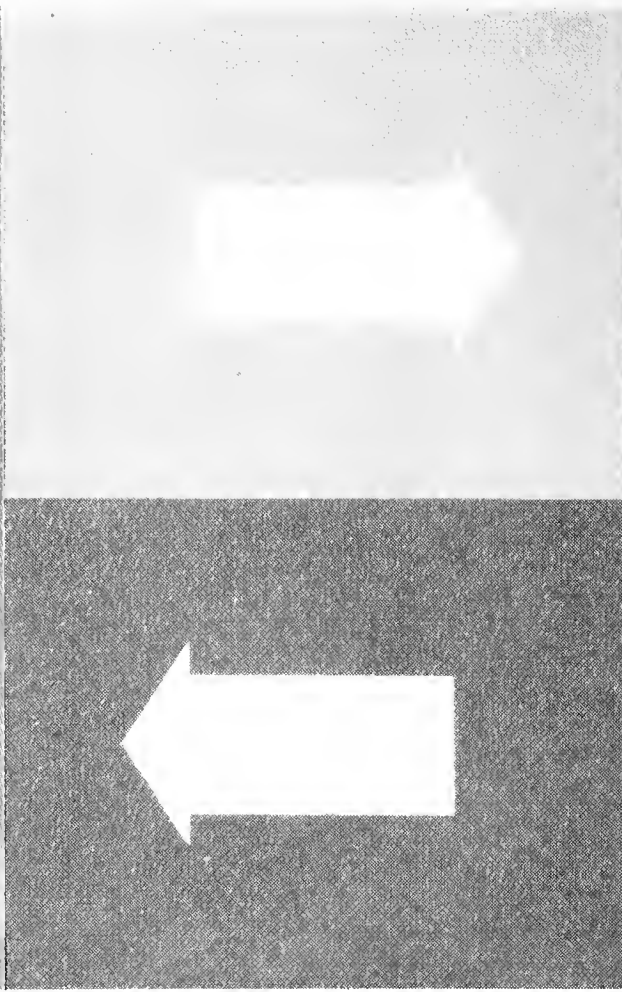
OVERHAUL & AEROSYSTEMS DIVISION

INDUSTRIAL DIVISION

FENSKE, FEDRICK & MILLER, INC., SUBSIDIARY



Data Acquisition and Application



Data Communication



Data Processing and Control

## The 3 elements of an automated military system: all logical capabilities of IBM

IBM's Federal Systems Division has a unique three-way capability. Because of it, the Division can effectively handle study and development contracts of total defense systems—or assume total system management responsibility. It can originate the systems concept and carry it all the way to implementation.

**In data acquisition and application subsystems**—IBM has the facilities and manpower to develop and furnish the sensors, displays, and other devices for man-to-application, and machine-to-application communications. Also, to develop automatic sensors, sensor control, automatic dissemination facilities and displays required to direct proper and efficient functioning of the entire system.

**In data communication subsystems**—With capabilities and experience in IBM Tele-processing\*, Federal Systems has the knowledge and facilities needed to design

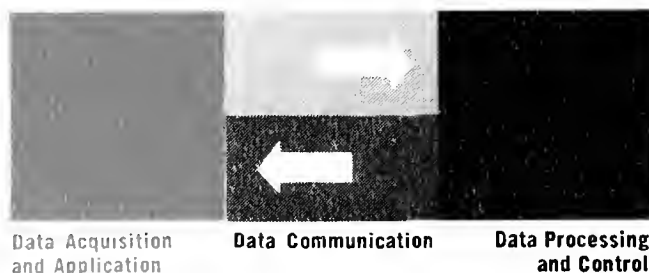
and develop complete networks to meet systems requirements. This includes, for example, data communication subsystems with message switching functions and terminal instrumentation. Message processing equipment, inquiry stations, and code modulation-demodulation equipment are already under development in the Division's laboratories.

**In data processing and control subsystems**—Engineers and scientists at the Federal Systems Division can draw on a vast IBM background in data processing to develop new and advanced systems and programming concepts. They can draw on existing equipment, or utilize widespread manufacturing facilities to meet both the engineering and production requirements of totally new instrumentation.

The three elements of a military system are all logical capabilities of IBM's Federal Systems Division—for development *and* systems management.

Federal Systems Division, International Business Machines Corporation, 326 East Montgomery Avenue, Rockville, Maryland

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As North American's X-15 — world's most advanced manned research craft—parts the curtain of earth's atmosphere, the arts of guidance and direction must play a critical role. Sperry's Air Armament Division, assigned the Flight Data System responsibility for the X-15, is meeting the challenge with inertial guidance gear of advanced design, precision and dependability.

But the problems of inertial guidance are not new to Sperry. During the past ten years, over 25-million Sperry man-hours have been employed to develop and produce successful inertial guidance. As a result, the nation has in the Convair B-58 Hustler the most thoroughly studied, ana-

lyzed, tested, evaluated and understood inertial guidance system in being — plus the advanced guidance equipment for the X-15 and for other future applications.

And in addition to work on government sponsored space guidance systems and techniques, Sperry scientists and engineers are exploring new and exotic techniques for gyros, advanced miniaturized digital computers, acceleration sensors, zero gravity environment systems—in many cases involving radical departures from current technology—with the aim of developing concepts, systems and hardware that are *ahead* of the challenges of man in space.

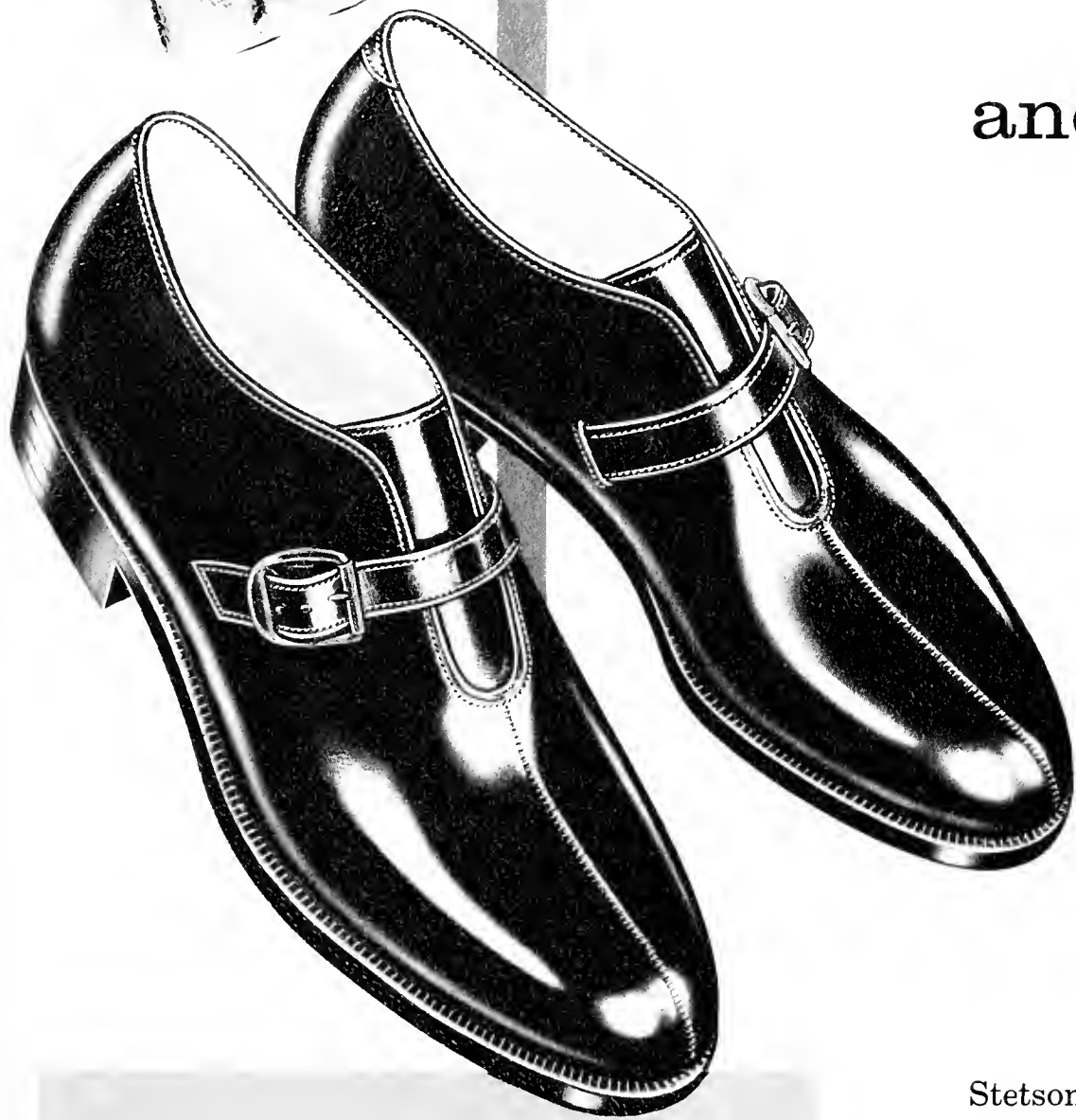
**SPERRY**

**AIR ARMAMENT DIVISION, SPERRY GYROSCOPE COMPANY, DIVISION OF SPERRY RAND CORPORATION, GREAT NECK, NEW YORK**



# HELD IN HIGH ESTEEM

by Officers  
and Officers-to-be



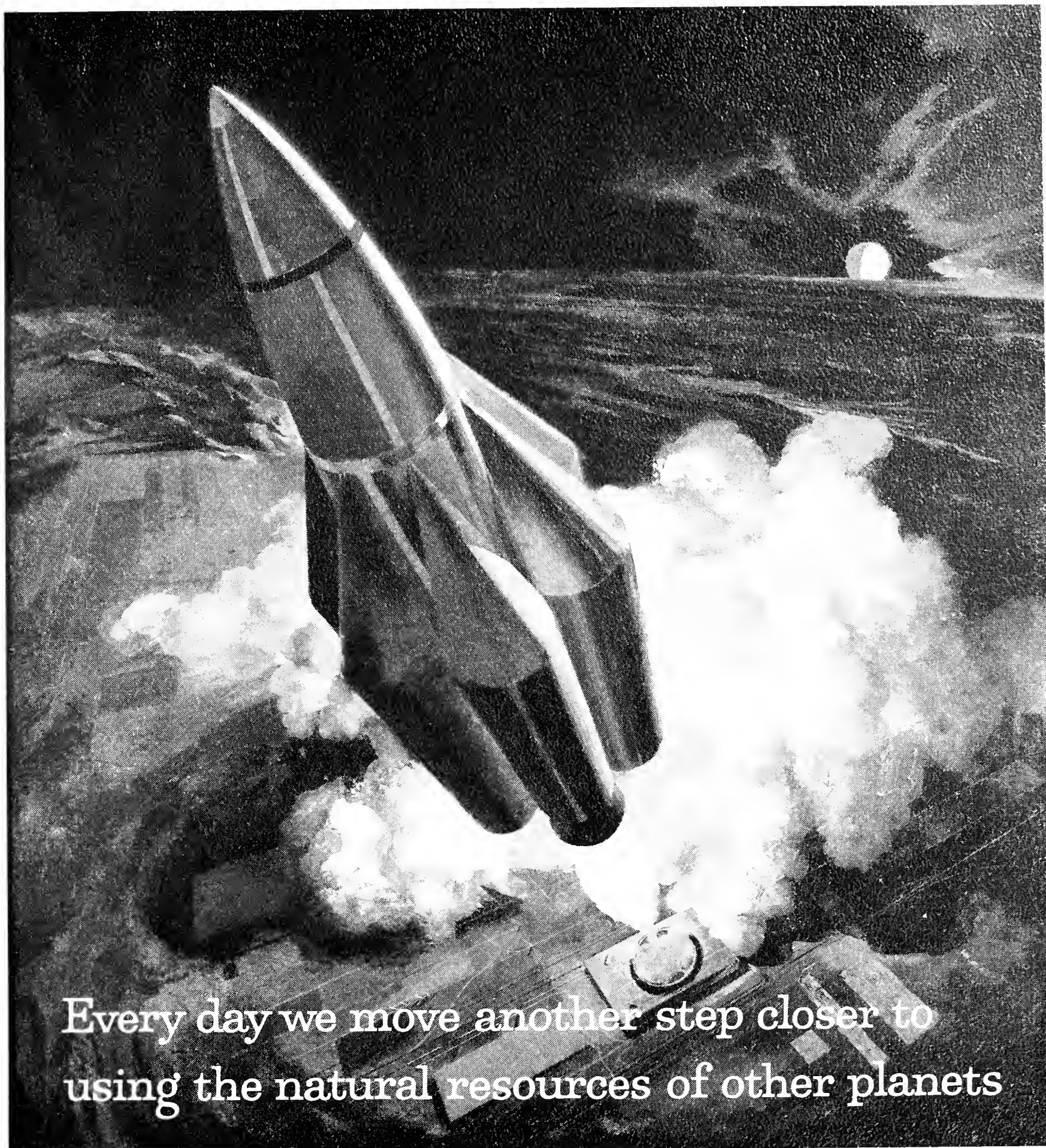
Stetson has served for so many years as the foremost supplier of shoes for officers of all branches of the Armed Forces that it must rightfully be rated a top specialist in this field of footwear — and a tried and true veteran of the services. Army, Navy and now Air Force officers have honored Stetson by selecting this footwear as most worthy to be worn by the elite of each branch.

Such a position of esteem and prestige had to be won . . . and kept . . . by unfailing adherence to the finest quality standards, readily apparent in the smarter appearance, the greater comfort and extra service every Stetson offers. Stetson will ship shoes anywhere to any officer on an open account basis.

THE STETSON SHOE COMPANY, *South Weymouth 90, Mass.*

★ *Stetson salutes the historical first issue of the Air Force Academy Year Book.*





Every day we move another step closer to  
using the natural resources of other planets

### **Air Force space studies aimed at cracking military problems also reveal potential civilian benefits**

Progress in space research is so rapid that consideration must now be given to projects you'd have scoffed at a few years ago. For instance, development of a nuclear rocket could drop payload costs so low that it would be economically worthwhile to import rare materials from other planets.

Projects such as this are the daily fare of engineers at Douglas. Right

now they are studying the many problems related to interplanetary exploration: Can humans survive? What about temperature, gravity, water, food . . . and fuel for the return trip?

Douglas has been finding answers to such problems since 1941. These answers are seen in action every time a Douglas-built Thor boosts another payload into space.

Development of nuclear power, utilized in space ships like this Douglas concept, will speed the day when man will travel in outer space and use its resources.

## **DOUGLAS**

MISSILE AND SPACE SYSTEMS •  
MILITARY AIRCRAFT • DC-8 JETLINERS •  
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GROUND SUPPORT EQUIPMENT •



# What's up...and where?

## Philco airborne radar for ALRI extends the vision of SAGE

ALRI, the Airborne Long Range Input system of the U. S. Air Force, is the seaward extension of SAGE, the vast electronic network that warns of aircraft approaching the North American continent. Philco will develop, produce and modify the airborne height-finding radar as an ALRI team member under the system manager, Burroughs Corporation. Philco was selected for this vital work because of its long and extensive experience in the development and production of military airborne radar and its major contributions to radar technology. Here is further evidence of Philco's leadership in advanced electronics . . . for reconnaissance, communications, weapon systems, space exploration and data processing.

Government & Industrial Group, Philadelphia 44, Pennsylvania

# PHILCO®

 *Famous for Quality the World Over*

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DESIGNED EXCLUSIVELY FOR USAF ACADEMY CADETS



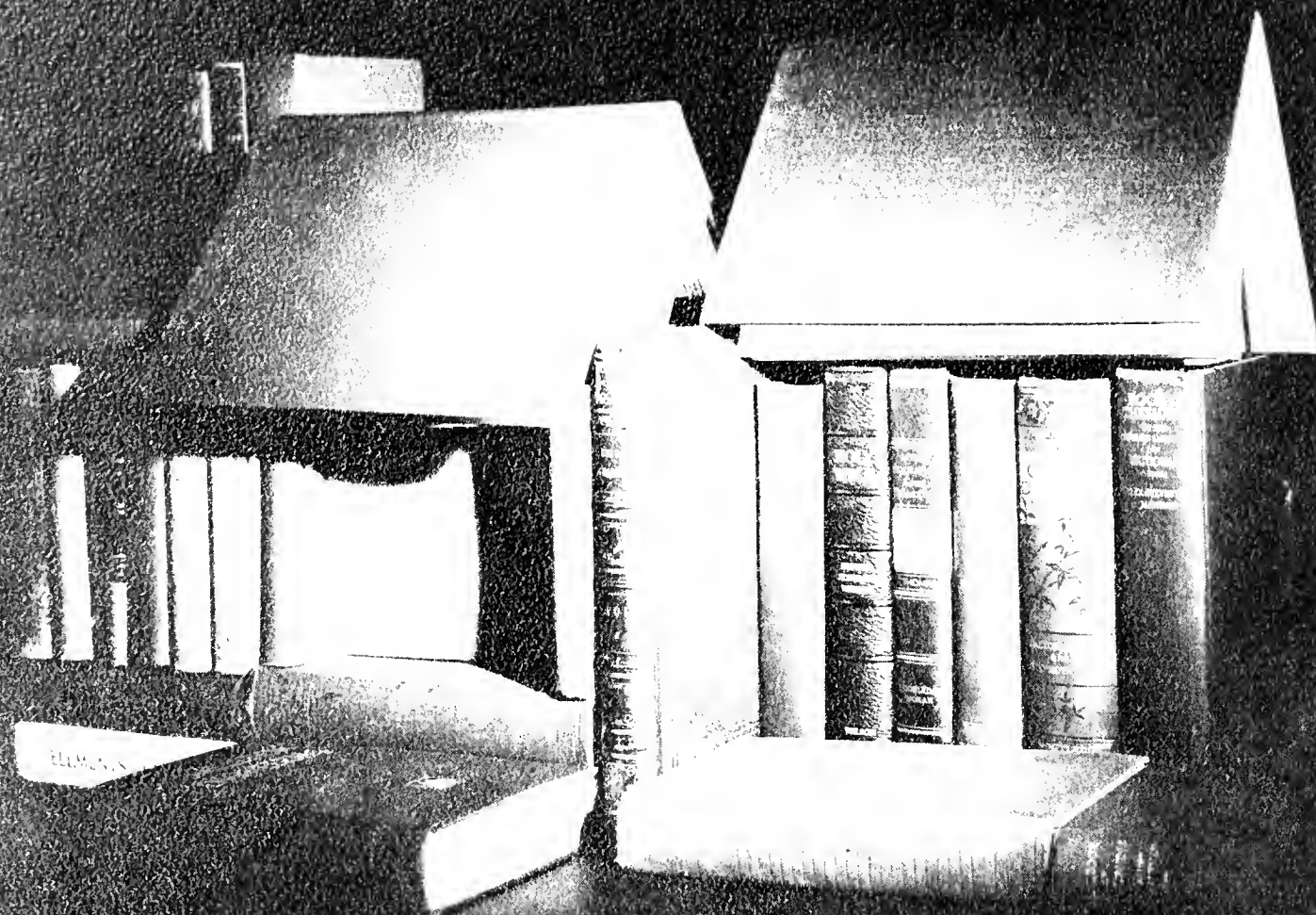
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USAF Academy cared enough to take the time to get the very best protection available for its Cadets. The proposals submitted by the nation's top life insurance companies were carefully evaluated and the plan of United American Life Insurance Company was considered the most advantageous for the members of the Cadet Wing.

*A secure policy — backed by a secure Company —  
to secure the Cadets' future.*

# UNITED AMERICAN LIFE INSURANCE COMPANY

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Knowledge is the ultimate defense if kept free to repel the evils that besiege mankind. To give knowledge the time to win, it must be protected—on its outer perimeter by weapons.

Weapons are created with knowledge, built with know-how, and produced in quantity with technical skills. Foremost in Grumman's plans for the future are men who have the imagination to create and the insight to solve.



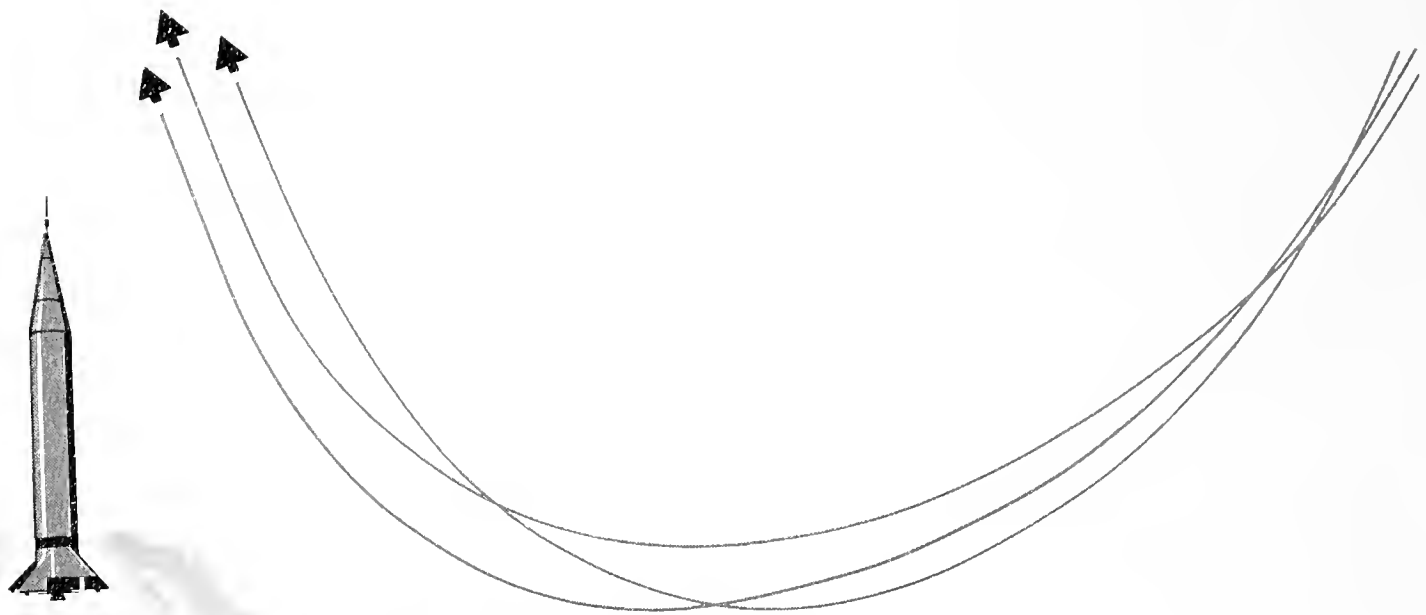
**GRUMMAN AIRCRAFT ENGINEERING CORPORATION**  
Bethpage • Long Island • New York

Anti-submarine and early warning aircraft • Business transports • Attack aircraft • Observation aircraft  
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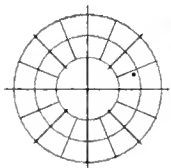


*The* BROADMOOR  
COLORADO SPRINGS, COLORADO



## IN THE SERVICE OF FLIGHT...

The Budd Company "teams up" men, minds and machines in a continuous creative effort—backed by the most modern and comprehensive research and testing facilities. The closely integrated work of its divisions and subsidiaries results in ideas, products and processes of great value in the design and production of a wide range of aircraft, missiles and rockets.



- **Budd Lewyt Electronics, Inc.**—Manufacturer of special-purpose data processing systems; communications equipment; instrumentation; products for the environmental control of electronic equipment.



- **Instruments Division**—A complete line of physical testing equipment, Metal-Film strain gages, standard and custom load cells, and a unique PhotoStress technique for direct strain measurements—all can be tailored to aircraft industry requirements.

In addition, complete line of gamma radiography equipment for nondestructive testing, providing beam, panoramic and internal exposures in shop and field. Inaccessible airframe areas are readily reached by small radioactive sources.

- **Continental-Diamond Fibre Corporation**—a pioneer in the development and manufacture of special high-heat resistant materials for ablation applications, laminated and molded plastics, vulcanized fibre, and bonded mica in the form of sheets, rods, tubes and tapes.

- **SpaceAtoms Division**—A leader in the development and fabrication of advanced aerospace and atomics structures, coupling a broad research and engineering capability with extensive prototype and production facilities.

- **Electronic Controls Section**—Developer and producer of Monautronic Resistance Welding Controls—the first to use feedback principle. Controls assure consistently good welds—so vital to the aircraft industry—by compensating automatically for all variables.

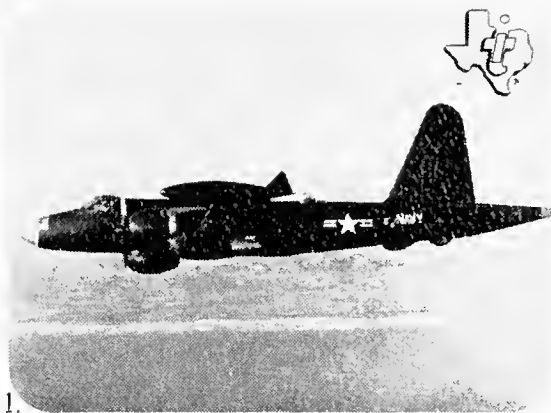


**THE Budd COMPANY**

PHILADELPHIA 32, PA., WASHINGTON 6, D.C., LOS ANGELES 23, CAL.



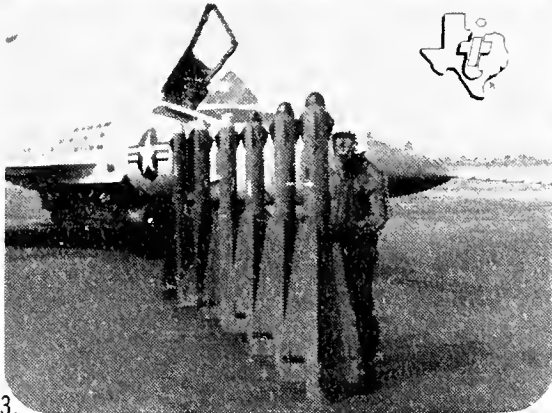
# TI IN MILITARY ELECTRONIC SYSTEMS



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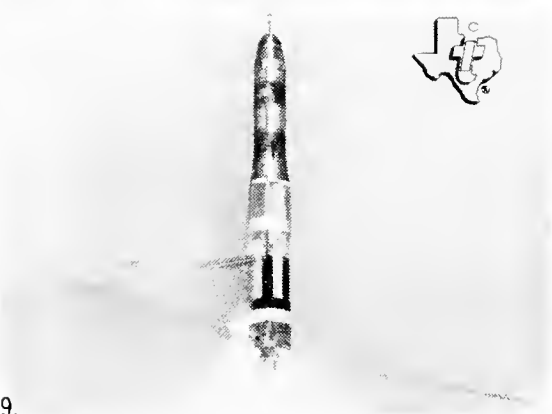
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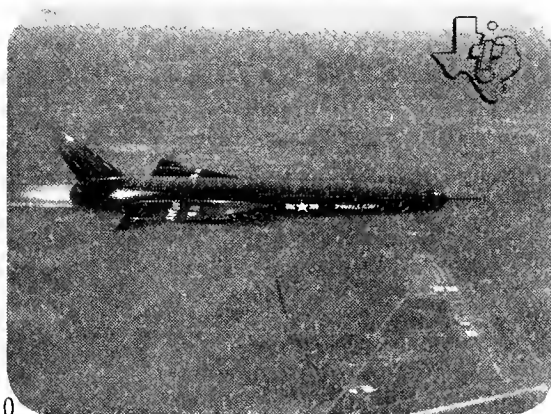
7.



8.



9.



10.



11.

**A partial listing of equipment, designed, developed and manufactured by TI now operational in the Armed Forces includes:**

1. AN/ASQ-8 magnetic anomaly detector, AN/AIC-15 intercom and TD-239A intervalometer for the U. S. Navy P2V ASW aircraft, built by Lockheed.
2. TARmac ASR-4 Airport Surveillance Radar for the Federal Aviation Agency.
3. Infrared optics for the U.S.A.F. FALCON Air-to-Air Missile, built by Hughes.
4. Anti-personnel Mine Detector AN/PRS-3 (XR-12) for the Corps of Engineers.
5. AN/APS-38A surface search radar, AN/ASQ-8 magnetic anomaly detector for the U. S. Navy S2F-1 ASW aircraft, built by Grumman.
6. Telemetry and guidance subsystems for the U. S. Navy CORVUS Air-to-Surface Missile, designed and produced by Temco.

7. AN/AQS-4 and AN/AQS-5 dipping sonar for the U. S. Navy HSS-1N ASW helicopter, built by Sikorsky.
8. AN/APS-80 surface search radar, AN/APA-125A radar indicator, AN/ASQ-8 magnetic anomaly detector and TD-239A intervalometer for the U. S. Navy P5M-2 ASW patrol seaplane, produced by Martin.
9. Programmers for the U.S.A.F. TITAN Intercontinental Ballistic Missile, built by Martin.
10. Surveillance sensors for the U. S. Army Signal Corps SWALLOW AN/USD-4 Combat Reconnaissance Drone, produced by Republic Aviation.
11. Surveillance sensors for the U. S. Army Signal Corps AN/USD-5 Combat Reconnaissance Drone, produced by Fairchild.

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The X-15 was designed, developed, and built by

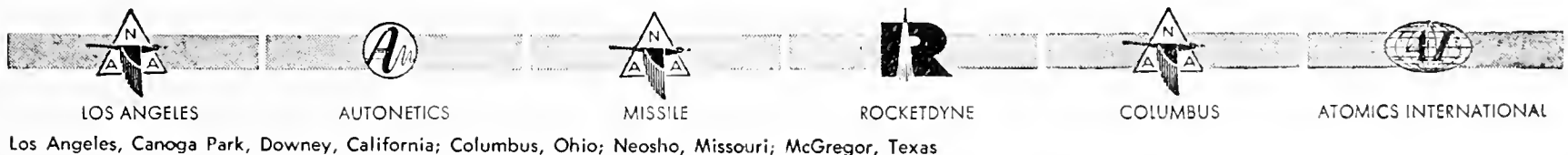
North American Aviation, the company that has built more airplanes and has more supersonic experience than any other company in the world.

Famous NAA airplanes that were ready when America needed them include the T-6 Texan trainer, P-51 Mustang, B-25 Mitchell, B-45 Tornado, F-86 Sabre, and the F-100 Super Sabre.

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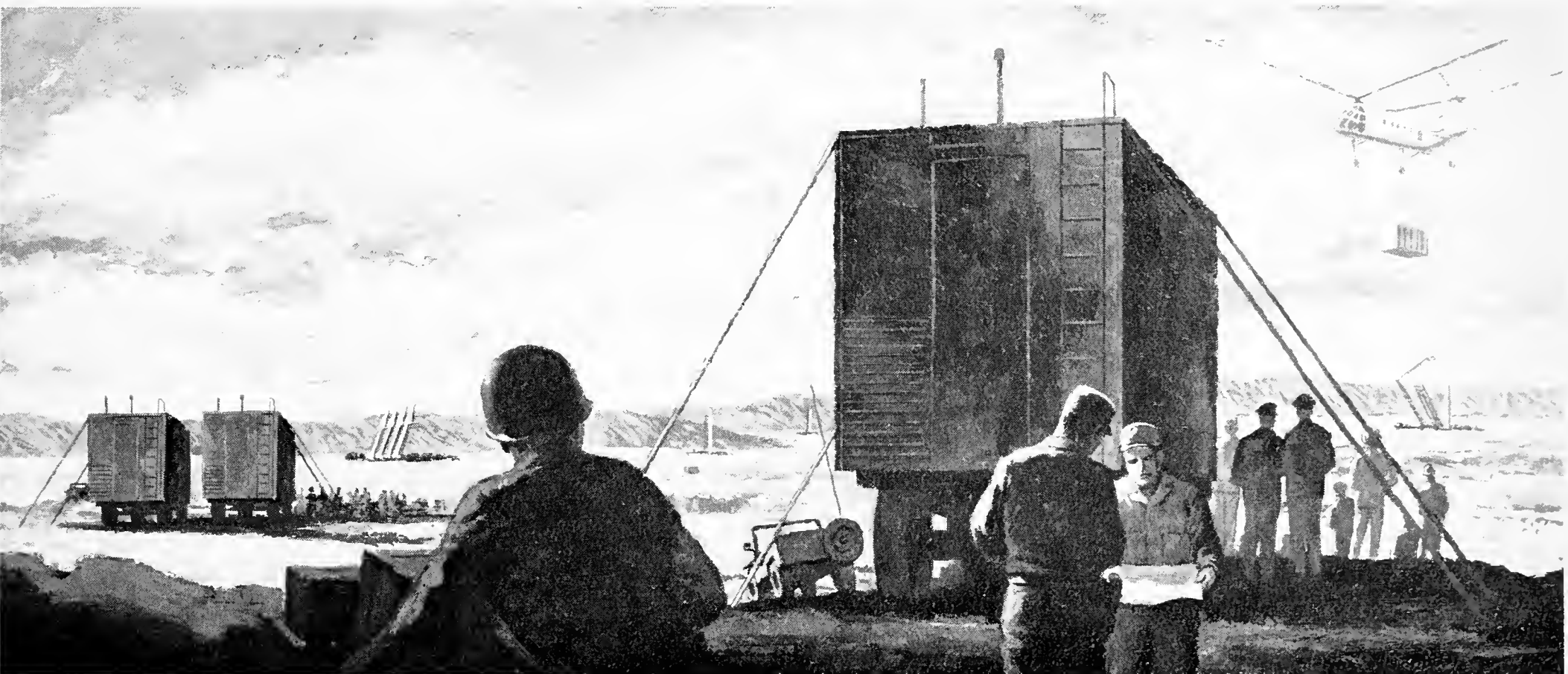
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Hughes Aircraft Company,  
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Malibu, Los Angeles, California; Tucson, Arizona



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evaluation equipment, capable of checking a variety of electromechanical devices, ranging from radar subassemblies to missile guidance computers. MPTE provides the stimuli, programming, control, measurement and test functions for the NIKE AJAX, NIKE HERCULES, LACROSSE, HAWK and CORPORAL missile systems and has been extended to other weapons systems related to our defense efforts.

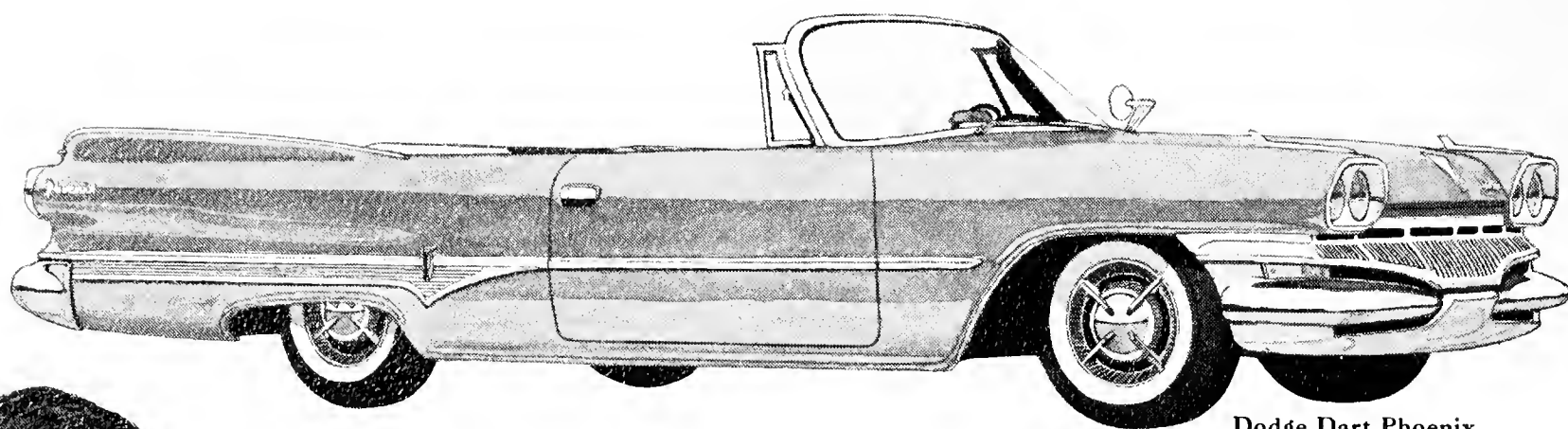


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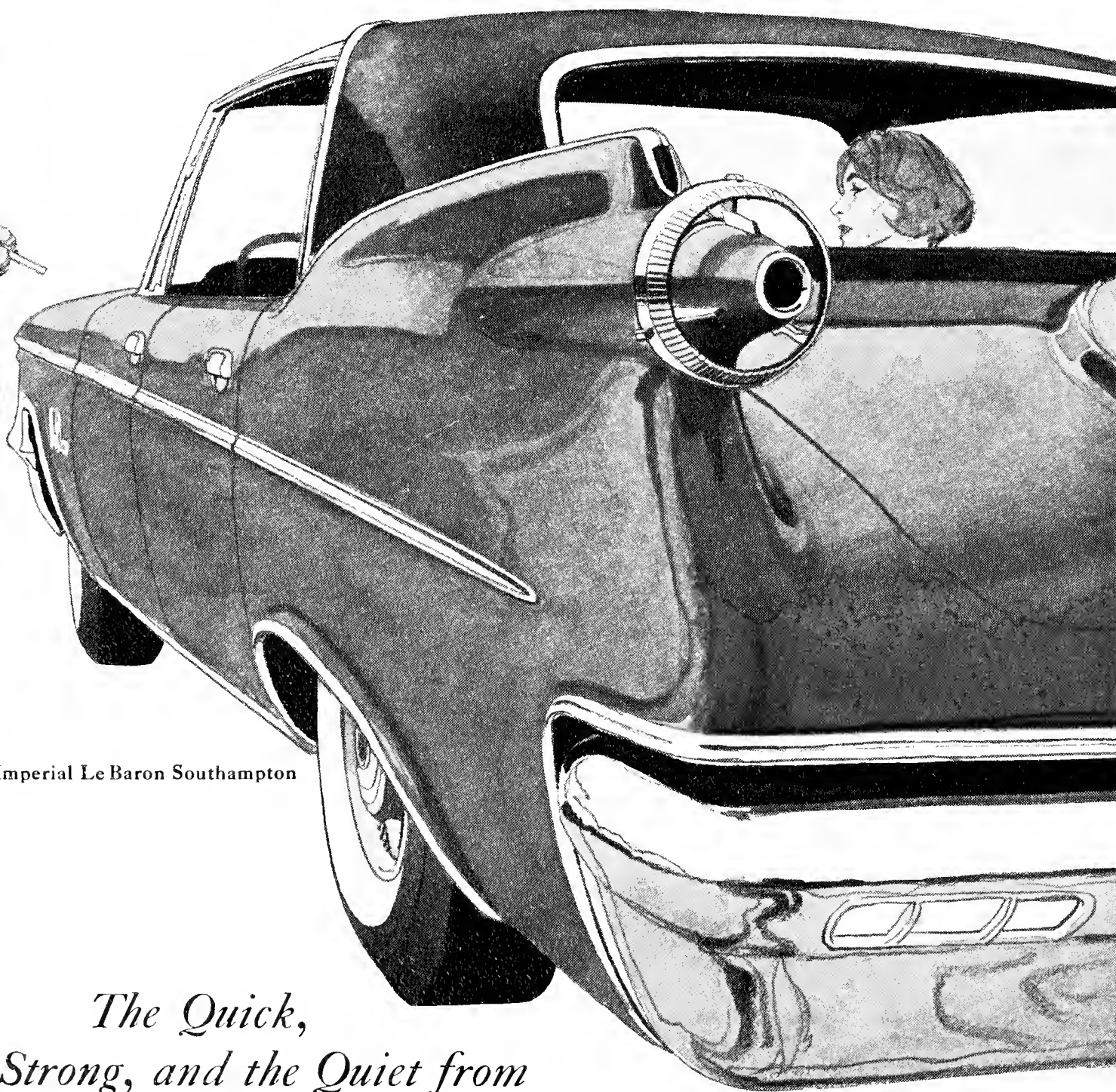
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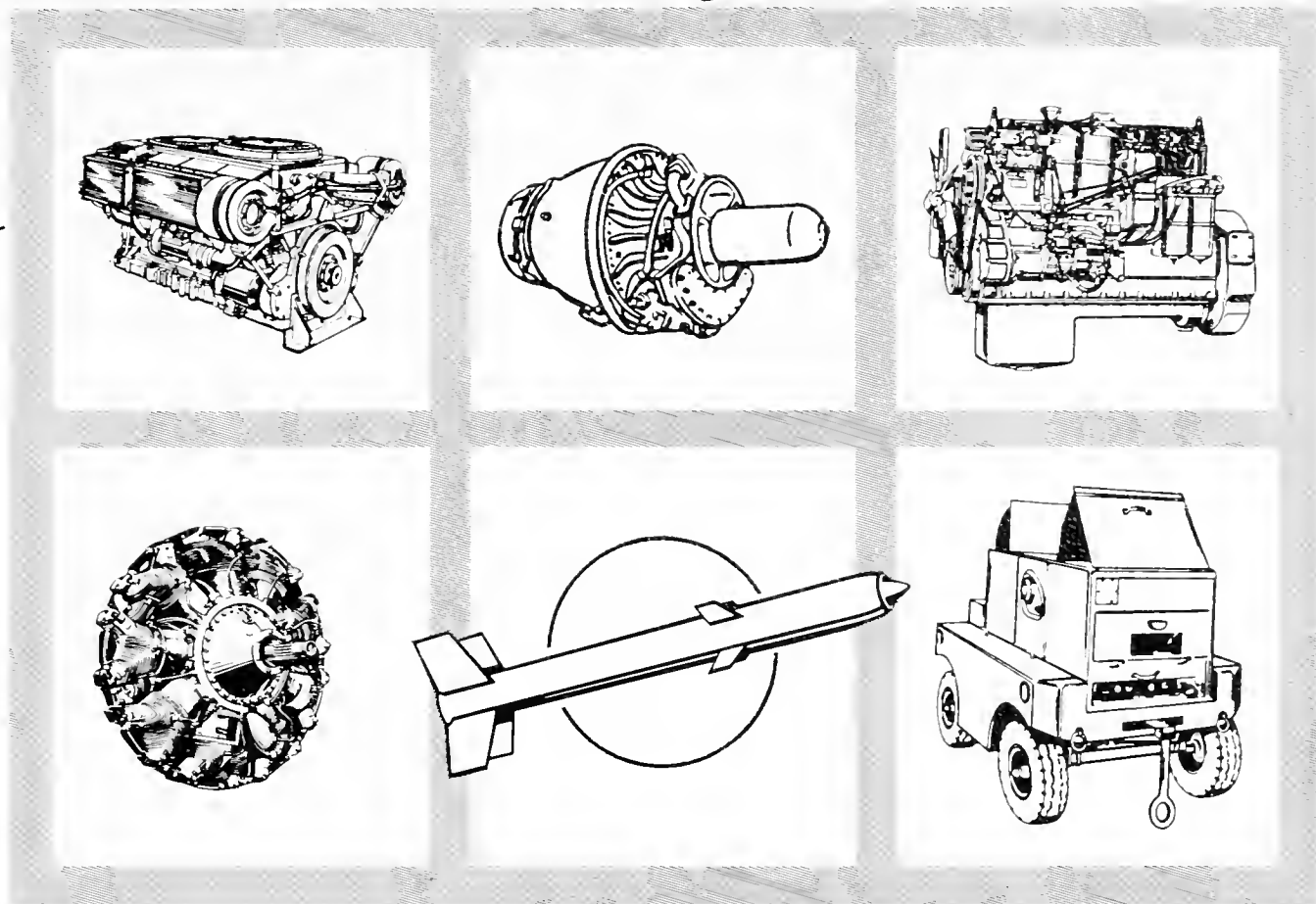
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## Albert Einstein...on the chief interest of science

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solved problems of the organization of labor and the distribution of goods — in order that the creations of our mind shall be a blessing and not a curse to Mankind. Never forget this in the midst of your diagrams and equations."

—Address, California Institute of Technology, 1931

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## Detection to Projection in Less than a Second

Large-screen display of radar signals can be recorded and projected in less than a second. This advanced technique in information display is an example of one application of the new thermoplastic recording system developed by General Electric.

The grainless, thermoplastic film eliminates processing delays and permits, with higher resolution, much greater enlargement than is practical with high-speed photographic film. Target delineation is also significantly improved by optical filtering used to increase the signal-to-noise ratio.

Now undergoing final development in General Electric's Electronics Laboratory, the "thermoplastic display" is expected to find maximum application in the high-speed radar systems of the future.

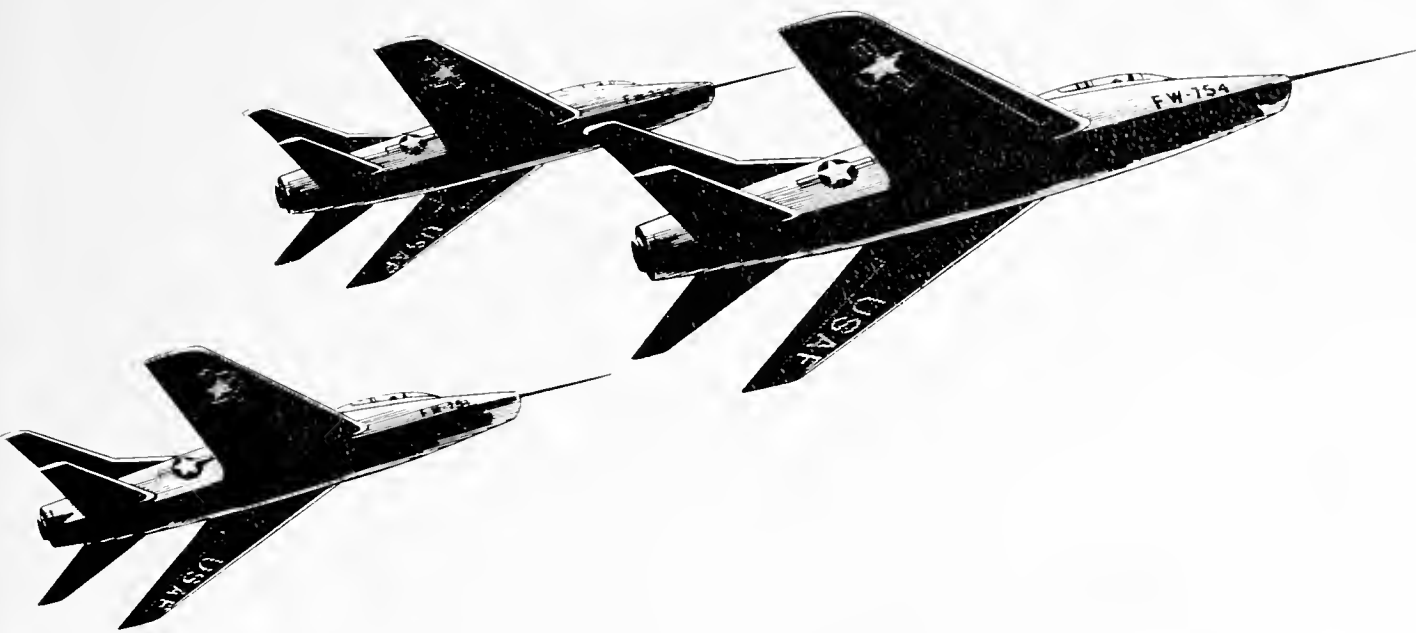
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## To high-flying falcons... present and future!

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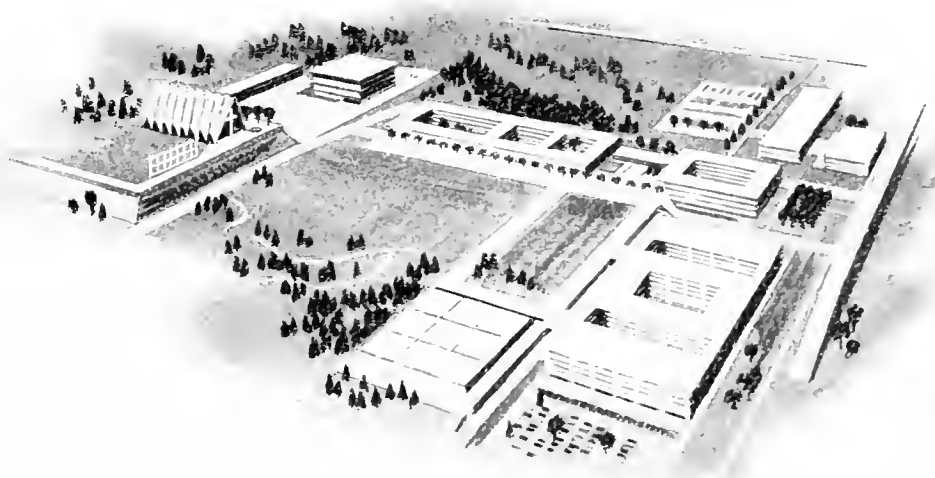
campus at the foot of the Rockies.

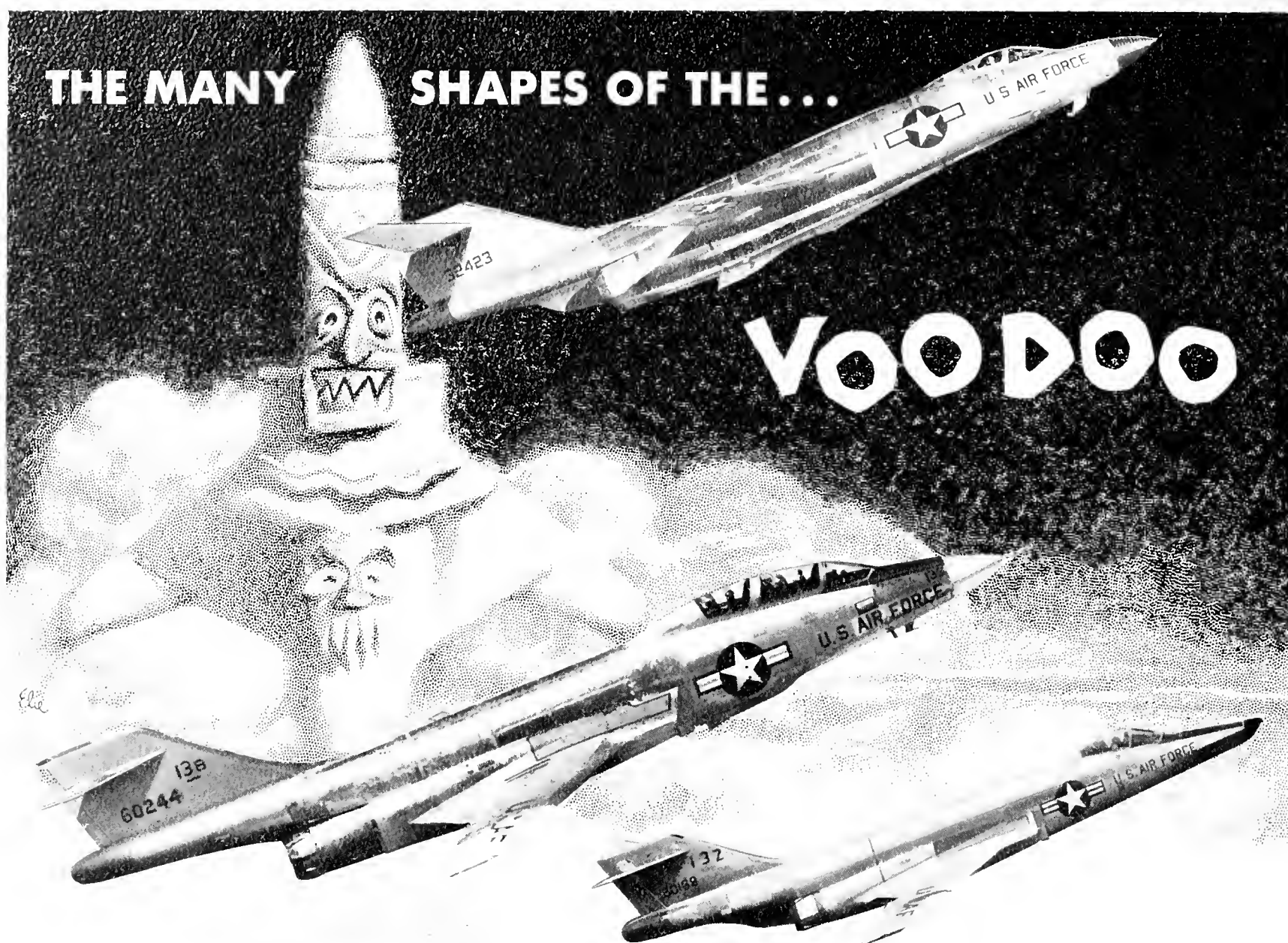
And we have viewed at close range the excellence of your training, the loftiness of your goals. Your unyielding determination to defend America's citizenry—its freedoms—brought the Academy into existence and will sustain it in the future. The contributions you are making to national security make it possible for those like us to continue unharried the production of machines and services for an advancing mankind.

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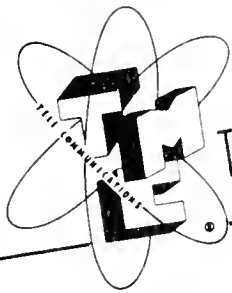
Air Force planners, utilizing the high speed, long range capabilities of the McDonnell F-101 Voodoo series harnessed that power and range to accomplish three important missions for the Air Force. The F-101 is providing TAC with long range fighter-bomber capability. The RF-101 adapts the speed, range and mid-air refueling capability of the aircraft to the reconnaissance needs of the Tactical Air Command. The F-101B two-place, all-weather interceptor aircraft is used by the Air Defense Command squadrons to deliver a lethal load of Genie and Falcon missiles.

The speed, range, firepower and safety of the Voodoo all add up to **DEPENDABILITY**, a characteristic inherent in every product produced by the 22,000 members of the McDonnell engineering and manufacturing team. In addition to the F-101B, McDonnell is currently producing the Quail missile for the Air Force, the F4H Phantom II all-weather fighter and the Talos missile airframe and propulsion units for the Navy and the Project Mercury capsule and escape system for the National Aeronautics and Space Administration.

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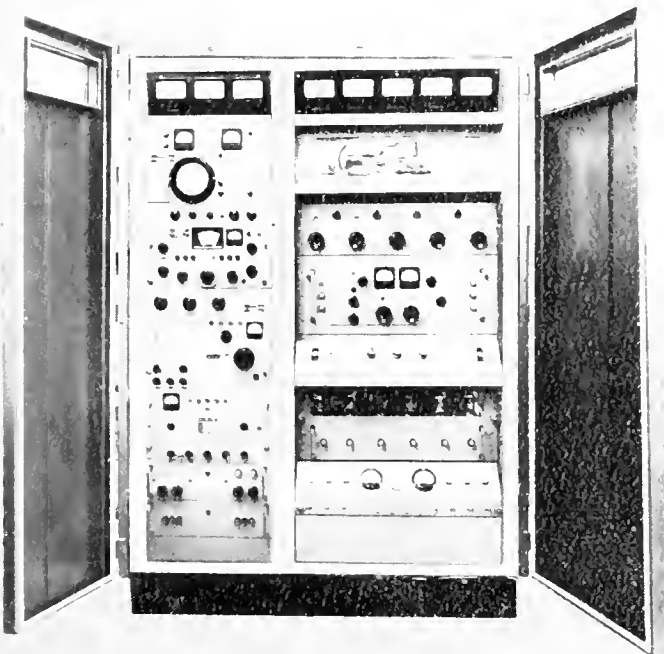
Many T.M.C. high frequency equipments are on "active duty" as vital parts of the Air Force communications team, and many new ones graduate to this proud status each year. They, too, go through many years of schooling to qualify as active members of the Air Force.

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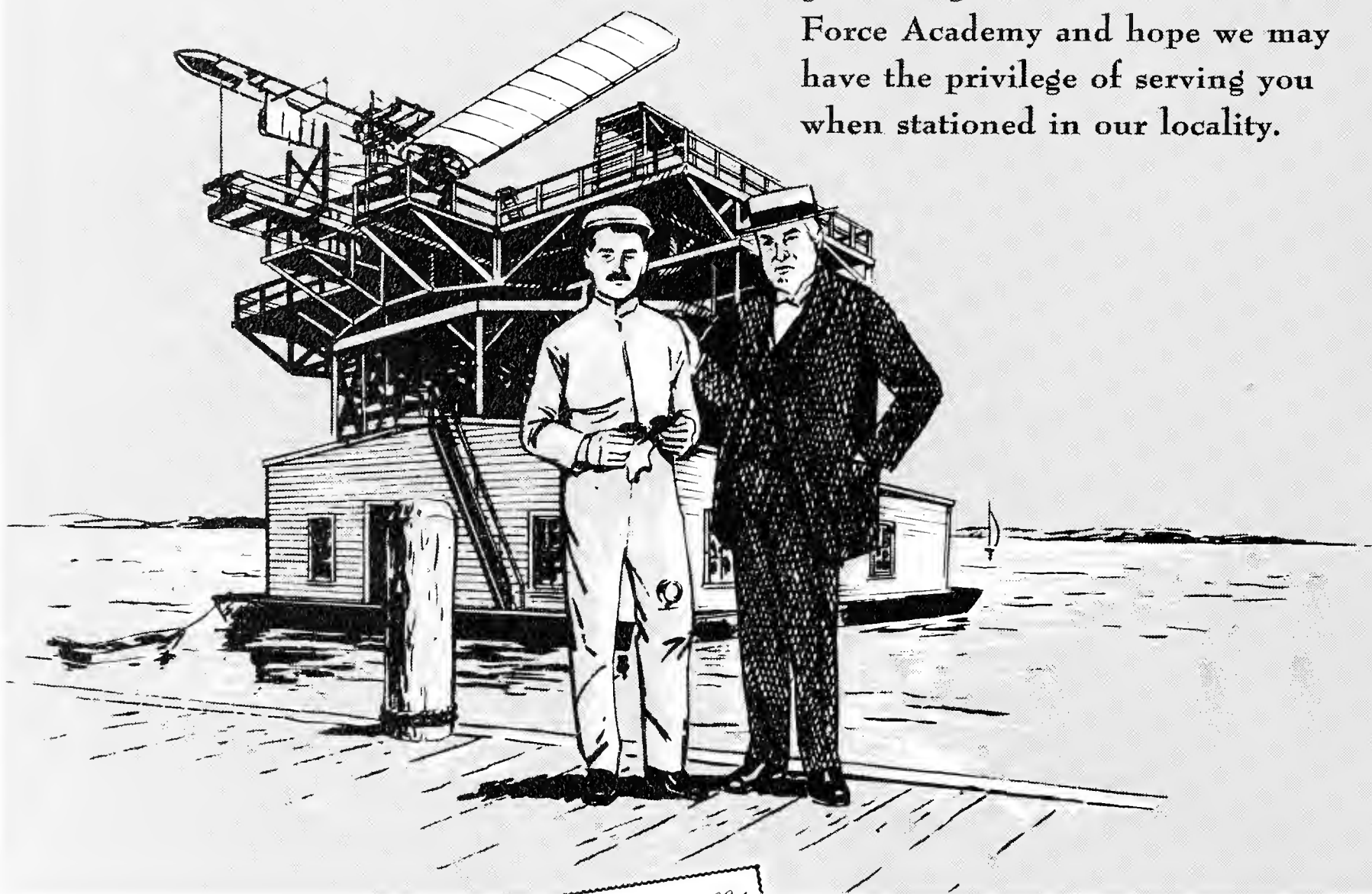
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As is well-known, Dr. Langley missed even greater fame when, on October 7, 1903, (ten weeks before the Wright brothers' first flight) his larger man-carrying "aerodrome" plunged into the Potomac River at Widewater, Virginia, when its landing gear fouled.

## The RIGGS NATIONAL BANK

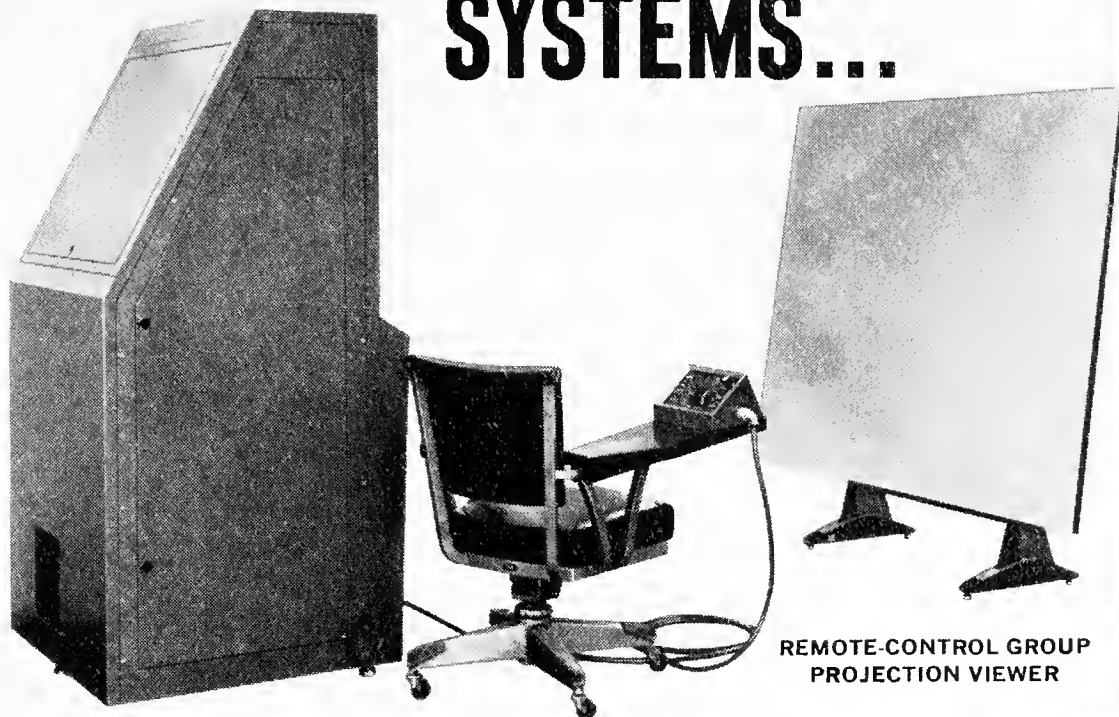
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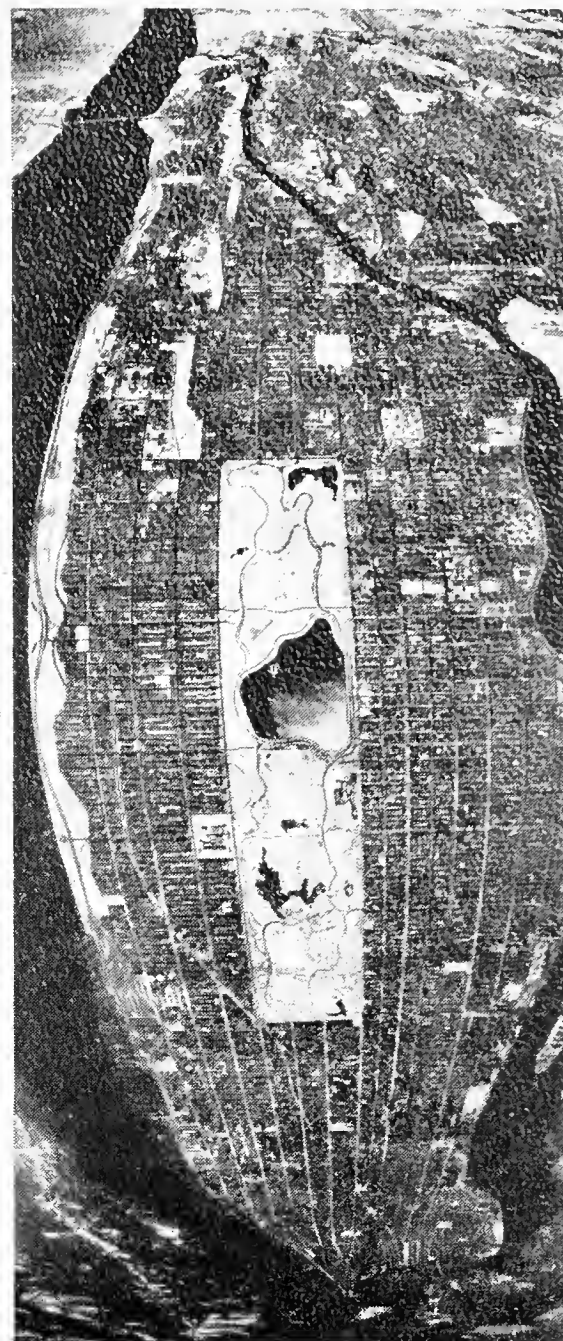
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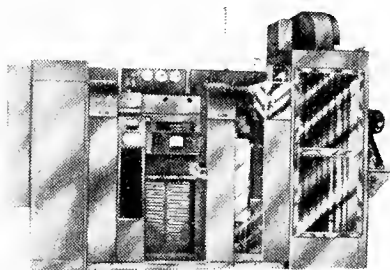
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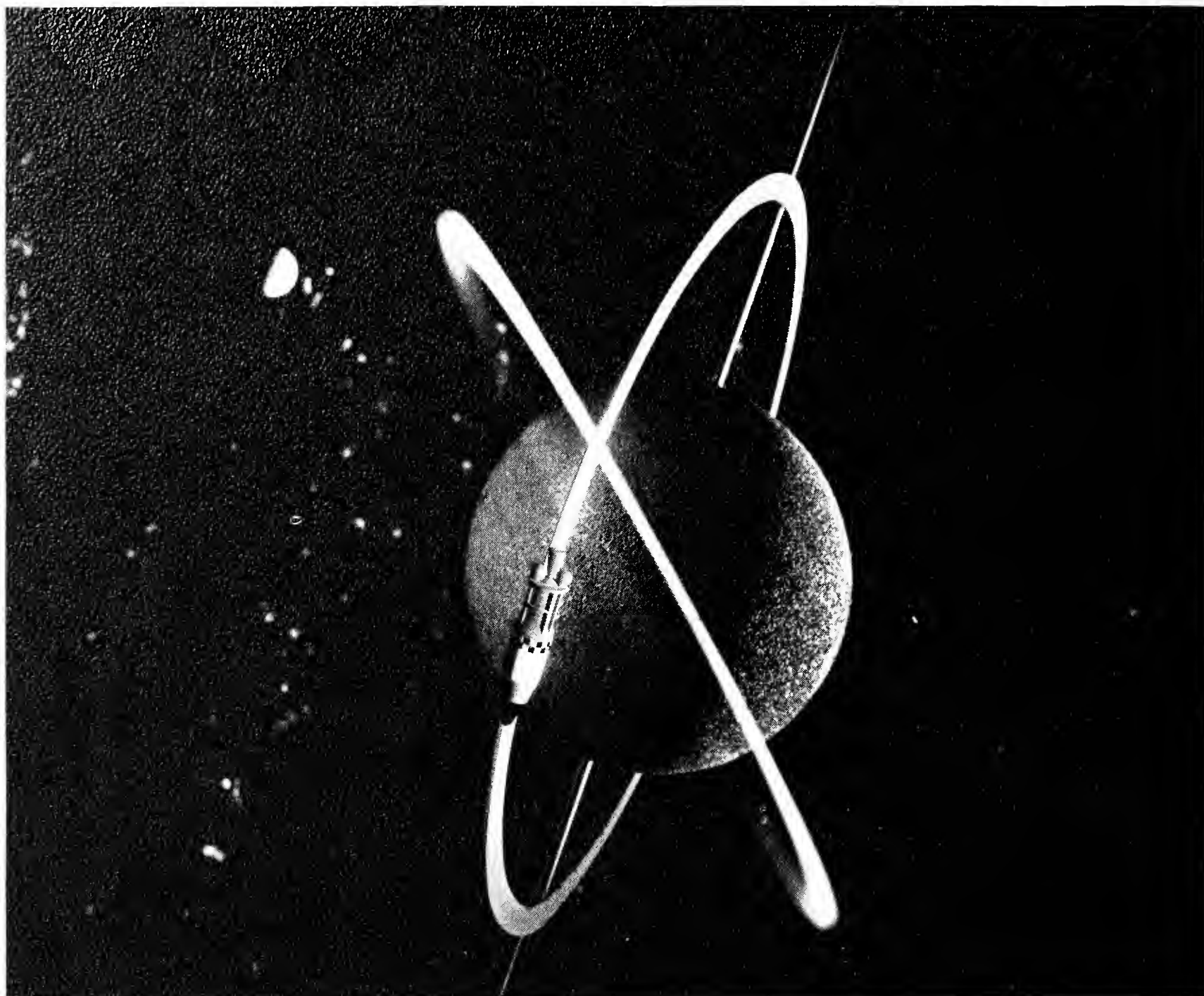
In pioneering the field of Information Technology, Itek has assembled a staff of highly qualified scientists and engineers dedicated to the advancement of the art of communications. By combining these talents with those of highly competent systems development groups and providing facilities for precision manufacturing, Itek is able to translate advanced communications concepts into useful information-handling systems. For example, Itek has produced a prototype aerial reconnaissance ground handling system that is now in operation by the Air Force's Aeronautical Chart and Information Center at Vint Hills, Va. This system may become a historic forerunner of comprehensive information-handling systems that will give the U.S. a technological "giant's step" toward insuring lasting world peace.

The Itek prototype system was designed basically to automatically process, index, reproduce and display 70 mm high-resolution panoramic aerial photographs. The entire process from receipt of raw exposed film to finished duplicates for viewing or plotting can be completed within two hours.

Through development projects such as this aerial reconnaissance ground handling system and Company funded research programs that encompass all the basic disciplines of advanced communications theories, Itek has established itself as a leader in the development of systems and equipment for information processing.

**Itek**

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*Bell-powered Agena satellites in orbit — symbolized.*

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The Agena engine, designed with space in mind long before space became a household word, has fulfilled its every mission and has placed more tons of useful payload into orbit than any other power plant. Its operational reliability is backed by six years of development and 5,000 test firings.

This Bell engine now has re-start capability — the first in the nation. This means that its satellite can change orbit **in space** without the penalty of extra engines. Presently in production, this engine also is adaptable to new fuels and new assignments and, consequently, is programmed for important military and peaceful space ventures of the future.

Agena's engine is typical of the exciting projects in Bell's rocket propulsion center. It is part of the dynamic new approach of a company that's forging ahead in rocketry, avionics and space techniques. These skills serve all government agencies. Engineers and scientists anxious for a new kind of personal challenge can find it at Bell.

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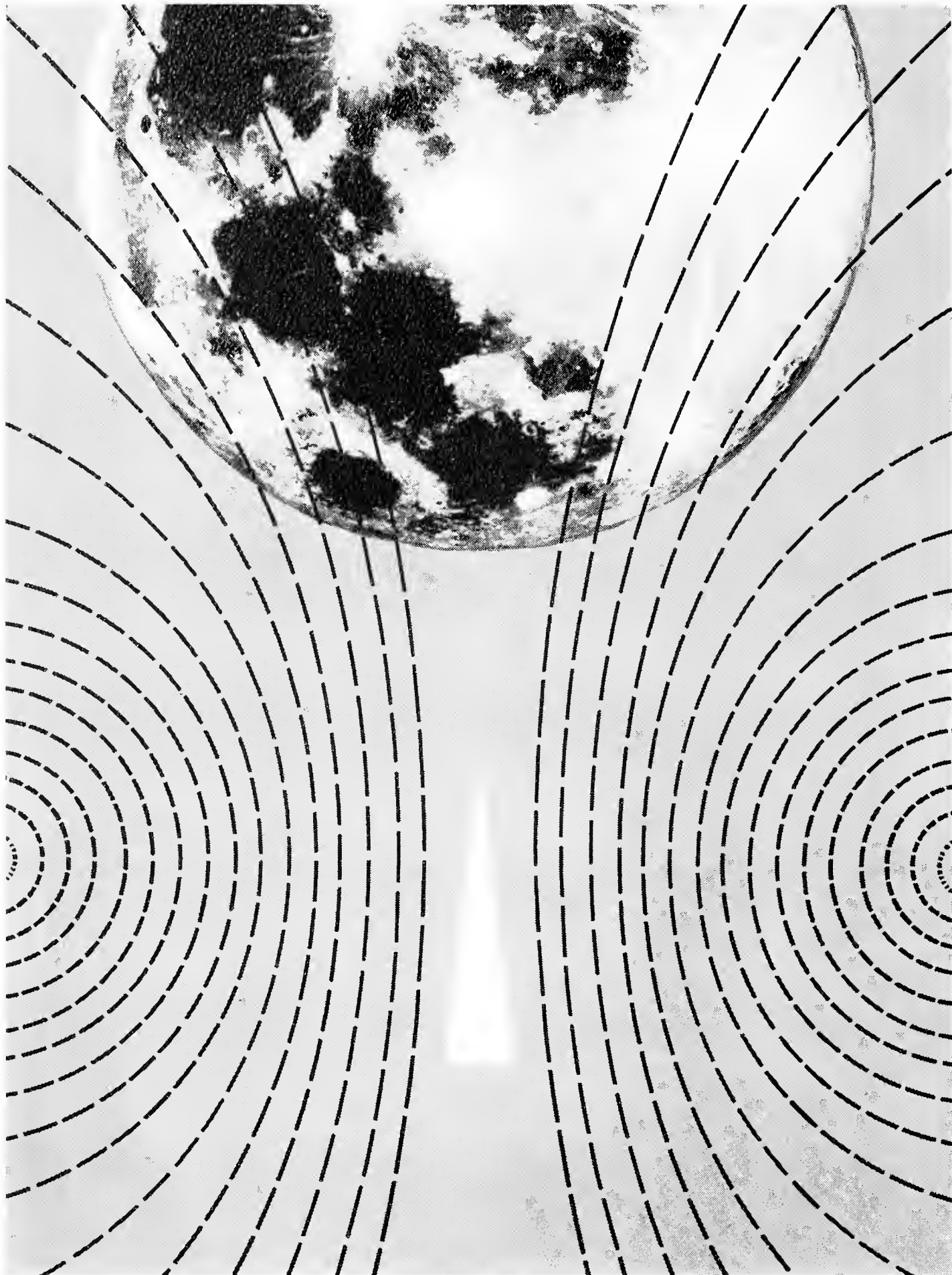
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